

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	815	(564/153).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/01/18 13:48
L2	200	(430/55).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/01/18 13:51
L3	153	(430/58.7).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/01/18 13:51

101538,484

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:42:48 ON 18 JAN 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:43:04 ON 18 JAN 2007

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STRUCTURE FILE UPDATES: 17 JAN 2007 HIGHEST RN 917745-84-7

DICTIONARY FILE UPDATES: 17 JAN 2007 HIGHEST RN 917745-84-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

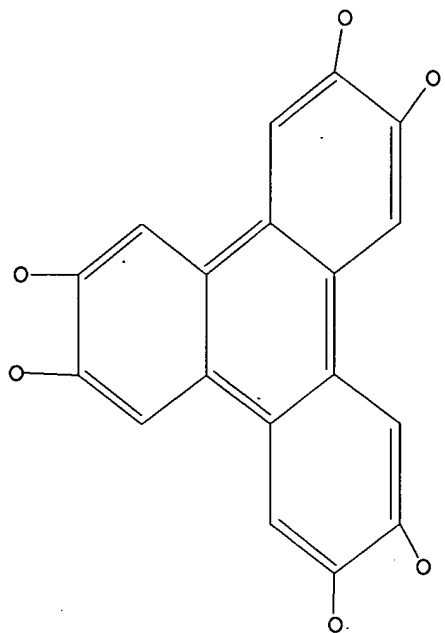
Uploading C:\Program Files\Stnexp\Queries\10538484.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 11:43:21 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 523 TO ITERATE

100.0% PROCESSED 523 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 9088 TO 11832

PROJECTED ANSWERS: 1265 TO 2415

L2 50 SEA SSS SAM L1

=> d

L2 ANSWER 1 OF 50 REGISTRY COPYRIGHT 2007 ACS on STN

RN 917394-94-6 REGISTRY

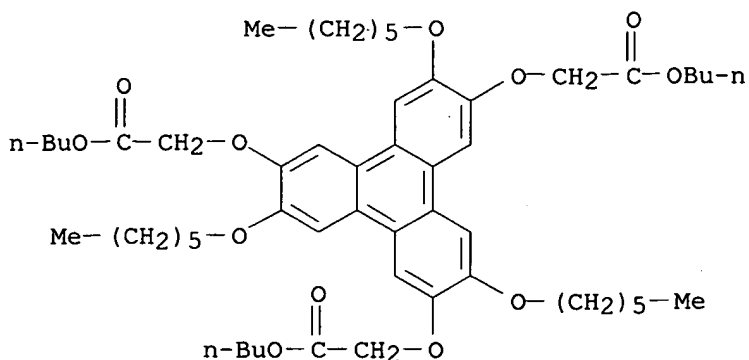
ED Entered STN: 12 Jan 2007

CN INDEX NAME NOT YET ASSIGNED

MF C54 H78 O12

SR CA

LC STN Files: CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.40

2.61

FILE 'CAPLUS' ENTERED AT 11:43:39 ON 18 JAN 2007

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FILE COVERS 1907 - 18 Jan 2007 VOL 146 ISS 4

FILE LAST UPDATED: 17 Jan 2007 (20070117/ED)

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<http://www.cas.org/infopolicy.html>

=> s 12

L3

46 L2

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.47

3.08

FILE 'REGISTRY' ENTERED AT 11:44:15 ON 18 JAN 2007

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STRUCTURE FILE UPDATES: 17 JAN 2007 HIGHEST RN 917745-84-7
DICTIONARY FILE UPDATES: 17 JAN 2007 HIGHEST RN 917745-84-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

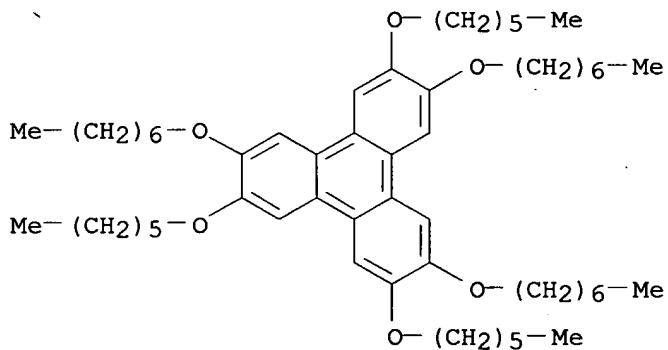
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> d 12 10 20 30 40 50

L2 ANSWER 10 OF 50 REGISTRY COPYRIGHT 2007 ACS on STN
RN 865619-55-2 REGISTRY
ED Entered STN: 19 Oct 2005
CN Triphenylene, 2,6,11-tris(heptyloxy)-3,7,10-tris(hexyloxy)- (9CI) (CA INDEX NAME)
MF C57 H90 O6
SR CA
LC STN Files: CA, CAPLUS



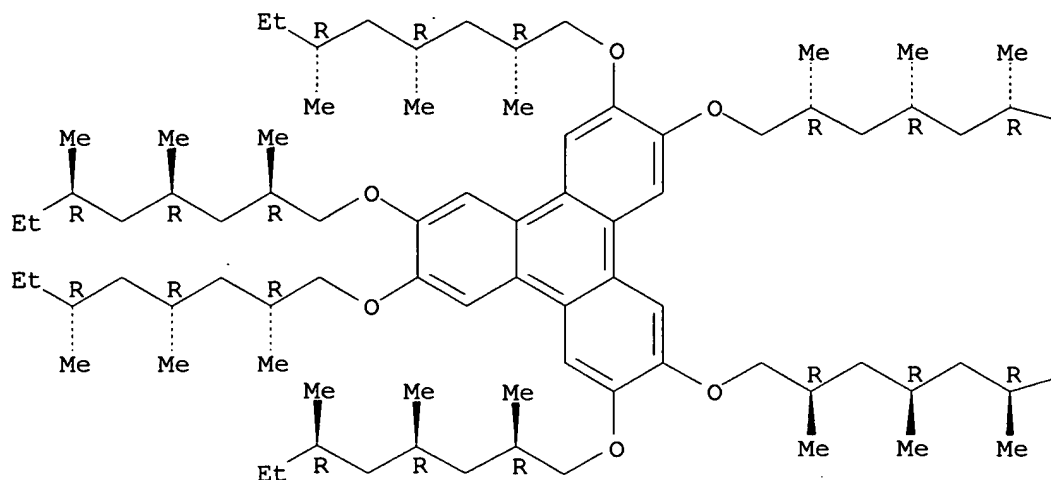
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 20 OF 50 REGISTRY COPYRIGHT 2007 ACS on STN
RN 501447-88-7 REGISTRY
ED Entered STN: 03 Apr 2003
CN Triphenylene, 2,3,6,7,10,11-hexakis[[(2R,4R,6R)-2,4,6-trimethyloctyl]oxy]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C84 H144 O6
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry. Rotation (-).

PAGE 1-A



PAGE 1-B

— Et

— Et

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 30 OF 50 REGISTRY COPYRIGHT 2007 ACS on STN

RN 347854-10-8 REGISTRY

ED Entered STN: 24 Jul 2001

CN Dipyrzino[2,3-f:2',3'-h]quinoxaline, hexakis(4-nonylphenyl)-, compd. with
2,3,6,7,10-pentakis(hexyloxy)-11-[2-(2-methoxyethoxy)ethoxy]triphenylene
(1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Triphenylene, 2,3,6,7,10-pentakis(hexyloxy)-11-[2-(2-methoxyethoxy)ethoxy]-
, compd. with hexakis(4-nonylphenyl)dipyrzino[2,3-f:2',3'-h]quinoxaline
(1:1) (9CI)

MF C102 H138 N6 . C53 H82 O8

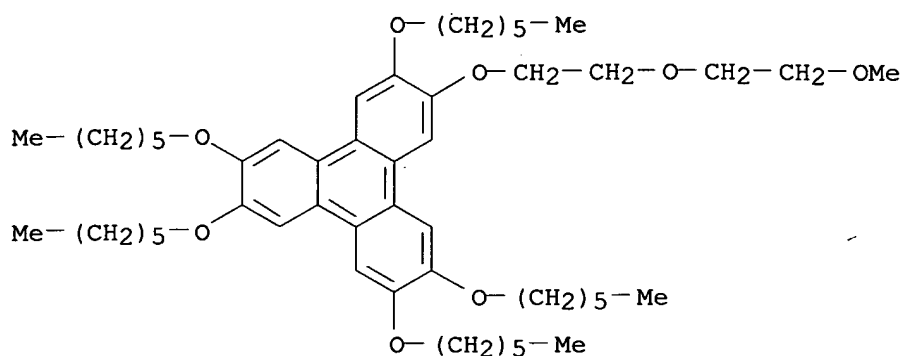
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 343628-06-8

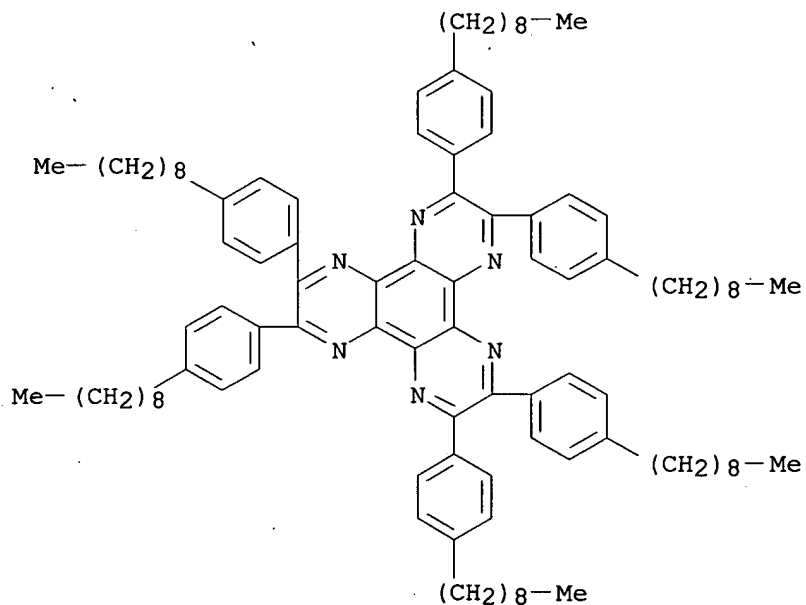
CMF C53 H82 O8



CM 2

CRN 96355-65-6

CMF C102 H138 N6



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 40 OF 50 REGISTRY COPYRIGHT 2007 ACS on STN

RN 263329-27-7 REGISTRY

ED Entered STN: 28 Apr 2000

CN 2-Propenoic acid, 3-[4-[[3-methyl-6-[(1-oxo-2-propenyl)oxy]hexyl]oxy]phenyl]-, 2,3,6,7,10,11-triphenylenehexayl ester, (2E,2'E,2''E,2'''E,2''''E,2'''''E)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C132 H144 O30

CI COM

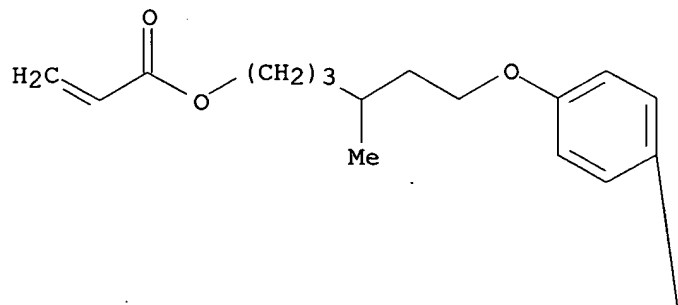
SR CA

Double bond geometry as shown.

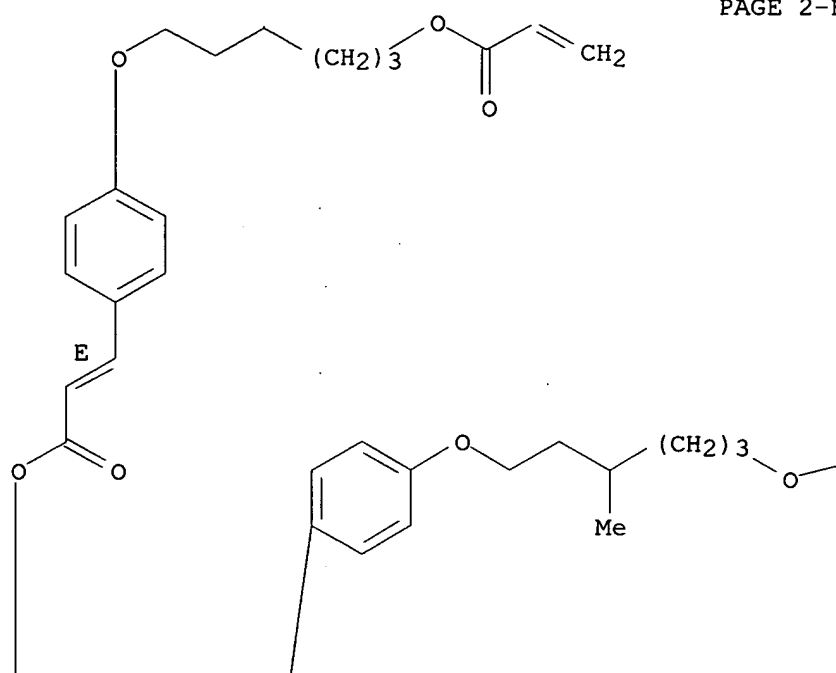
PAGE 1-B

Me
|

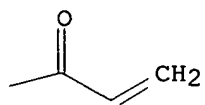
PAGE 2-A



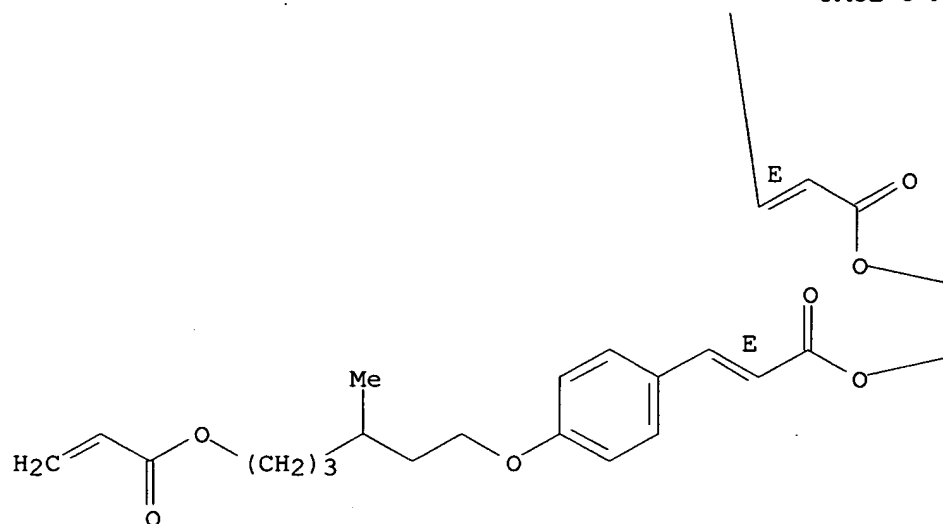
PAGE 2-B



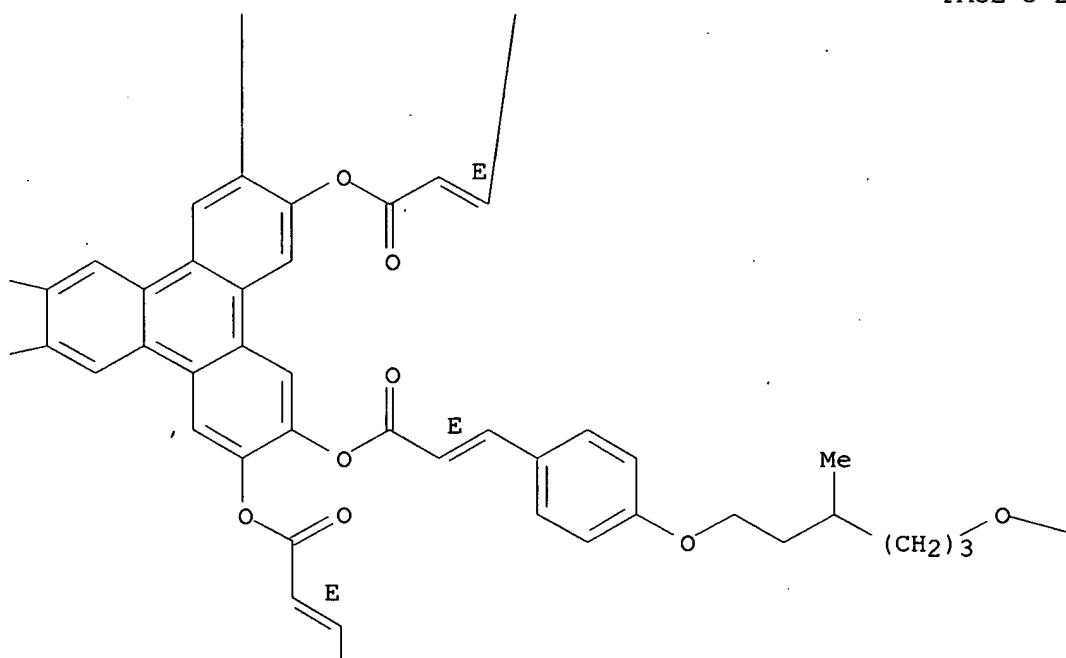
PAGE 2-C

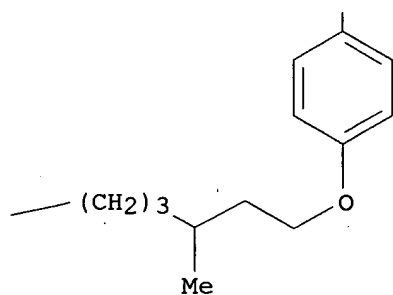
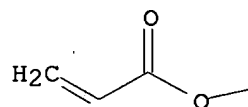
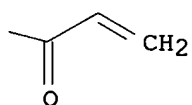


PAGE 3-A



PAGE 3-B



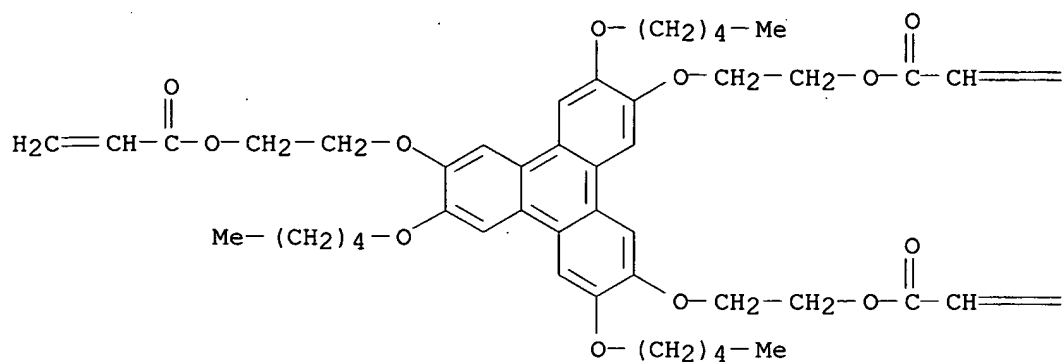


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 50 OF 50 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 225531-90-8 REGISTRY
 ED Entered STN: 18 Jun 1999
 CN 2-Propenoic acid, [3,7,10-tris(pentyloxy)-2,6,11-
 triphenylenetriyl]tris(oxy-2,1-ethanediyl) ester (9CI) (CA INDEX NAME)
 MF C48 H60 O12

CI COM
SR CA
LC STN Files: CA, CAPLUS

PAGE 1-A



PAGE 1-B

=CH₂

=CH₂

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

Uploading C:\Program Files\Stnexp\Queries\0538484.str

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 14

SAMPLE SEARCH INITIATED 11:48:58 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 8 TO ITERATE

100.0% PROCESSED 8 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 8 TO 329
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s 14 ful

FULL SEARCH INITIATED 11:49:04 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 167 TO ITERATE

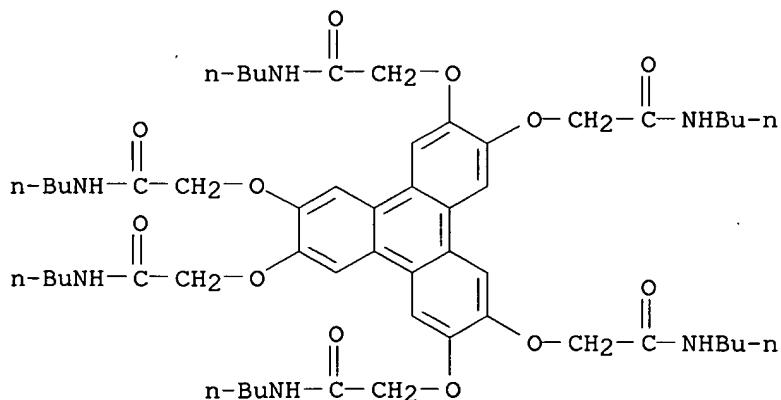
100.0% PROCESSED 167 ITERATIONS
SEARCH TIME: 00.00.01

5 ANSWERS

L6 5 SEA SSS FUL L4

=> d 16 1-5

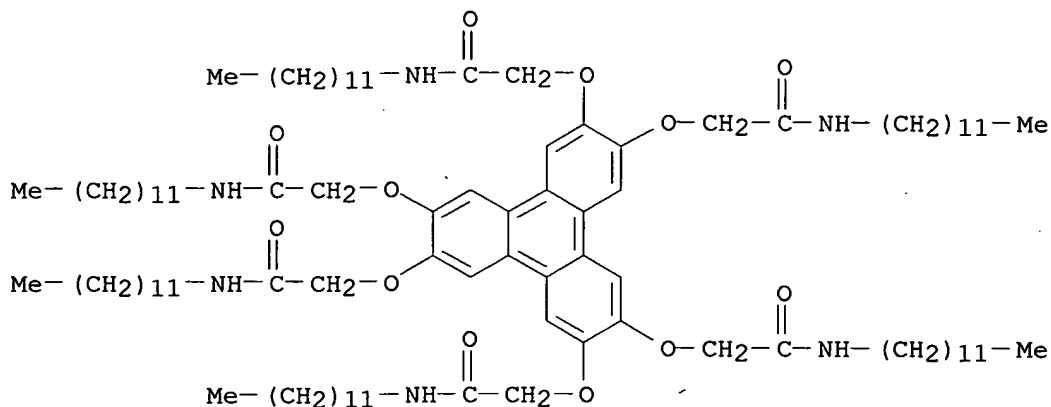
L6 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2007 ACS on STN
RN 614733-38-9 REGISTRY
ED Entered STN: 10 Nov 2003
CN Acetamide, 2,2',2'',2''',2''',2''''-[2,3,6,7,10,11-
triphenylenehexaylhexakis(oxy)]hexakis[N-butyl- (9CI) (CA INDEX NAME)
MF C54 H78 N6 O12
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2007 ACS on STN
RN 614733-37-8 REGISTRY
ED Entered STN: 10 Nov 2003
CN Acetamide, 2,2',2'',2''',2''',2''''-[2,3,6,7,10,11-
triphenylenehexaylhexakis(oxy)]hexakis[N-dodecyl- (9CI) (CA INDEX NAME)
MF C102 H174 N6 O12
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

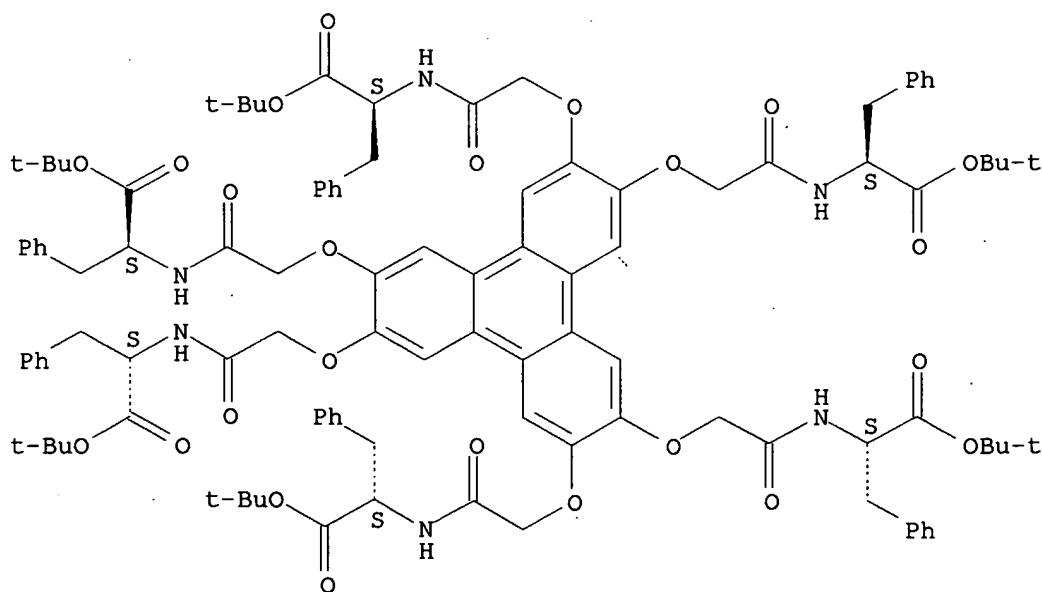


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2007 ACS on STN
RN 200814-89-7 REGISTRY
ED Entered STN: 05 Feb 1998
CN L-Phenylalanine, N,N',N'',N''',N''',N''''-[2,3,6,7,10,11-triphenylenehexaylhexas[oxyl(1-oxo-2,1-ethanediyl)]]hexakis-, hexakis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C108 H126 N6 O24
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

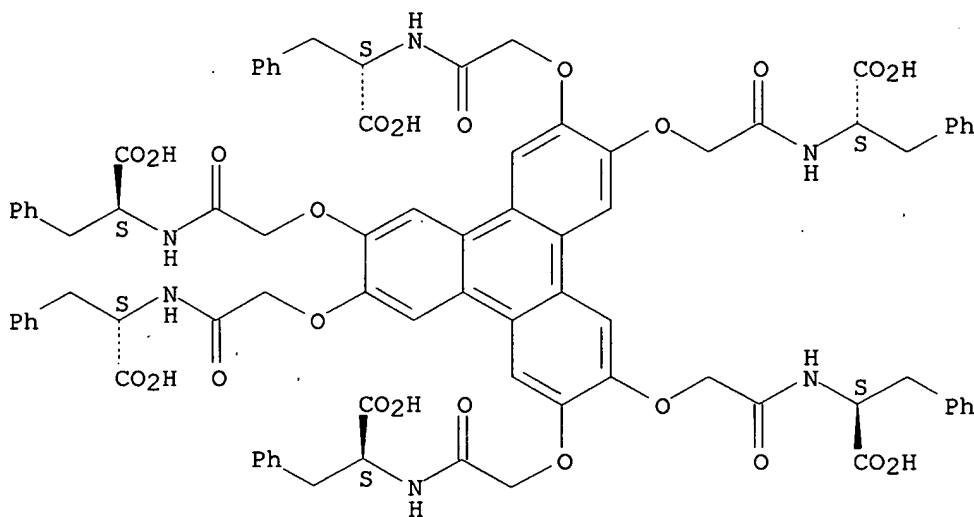


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
L6 ANSWER 4 OF 5  REGISTRY  COPYRIGHT 2007 ACS on STN
RN 200814-88-6  REGISTRY
ED Entered STN: 05 Feb 1998
CN L-Phenylalanine, N,N',N'',N''',N''''',N''''''-[2,3,6,7,10,11-
triphenylenehexaylhexakis[oxy(1-oxo-2,1-ethanediyl)]]hexakis- (9CI)  (CA
INDEX NAME)
FS STEREOSEARCH
MF C84 H78 N6 O24
SR CA
LC STN Files:  CA, CAPLUS, CASREACT
```

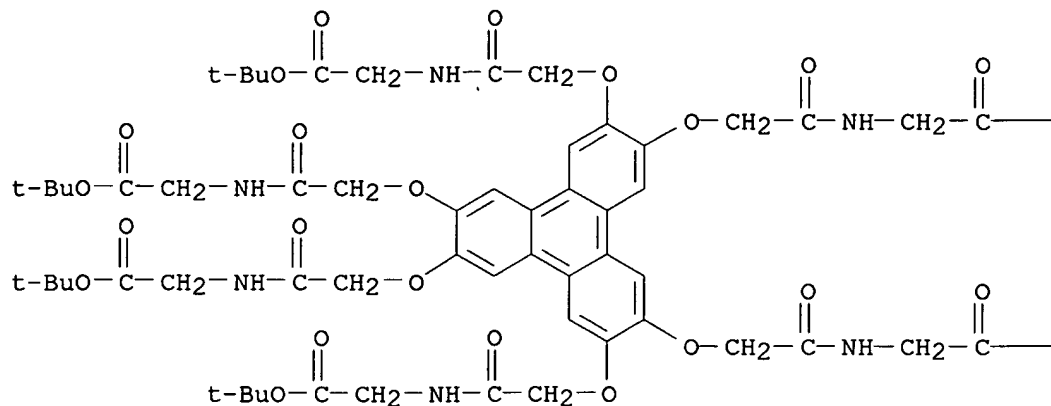
Absolute stereochemistry.



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
L6 ANSWER 5 OF 5  REGISTRY  COPYRIGHT 2007 ACS on STN
RN 200814-87-5  REGISTRY
ED Entered STN.: 05 Feb 1998
CN Glycine, N,N',N'',N''',N''''',N''''''-[2,3,6,7,10,11-
triphenylenehexaylhexakis[oxy(1-oxo-2,1-ethanediyl)]]hexakis-,
hexakis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)
MF C66 H90 N6 O24
SR CA
LC STN Files:  CA, CAPLUS, CASREACT
```



—OBu-t

—OBu-t

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

195.20

198.28

FILE 'CAPLUS' ENTERED AT 11:49:21 ON 18 JAN 2007

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FILE LAST UPDATED: 17 Jan 2007 (20070117/ED)

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=> s 16

L7 3 L6

=> d 17 1-3

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:565189 CAPLUS
DN 141:106275
TI Preparation of fused aromatic compounds having charge transport properties
IN Takeuchi, Masayuki; Ikeda, Masato; Shinkai, Seiji
PA Kyushu Tlo Company, Limited, Japan
SO PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004058684	A1	20040715	WO 2003-JP15826	20031211
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003289315	A1	20040722	AU 2003-289315	20031211
	US 2006111587	A1	20060525	US 2005-538484	20050608
PRAI	JP 2002-360369	A	20021212		
	WO 2003-JP15826	W	20031211		
OS	MARPAT 141:106275				

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2003:415872 CAPLUS
DN 139:329698
TI Unusual emission properties of a triphenylene-based organogel system
AU Ikeda, Masato; Takeuchi, Masayuki; Shinkai, Seiji
CS Department of Chemistry and Biochemistry, Graduate School of Engineering, Kyushu University, Fukuoka, 812-8581, Japan
SO Chemical Communications (Cambridge, United Kingdom) (2003), (12), 1354-1355
CODEN: CHCOFS; ISSN: 1359-7345
PB Royal Society of Chemistry
DT Journal
LA English
RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1997:754865 CAPLUS
DN 128:88655
TI Purification of 2,3,6,7,10,11-hexamethoxytriphenylene and preparation of
hexakiscarbonylmethyl and hexakiscyanomethyl derivatives of
2,3,6,7,10,11-hexahydroxytriphenylene
AU Krebs, Frederik C.; Schioedt, Niels C.; Batsberg, Walther; Bechgaard,
Klaus
CS Macromolecular Chemistry Group, Risoe National Laboratory, Condensed
Matter Physics Chemistry Department, Roskilde, DK-4000, Den.
SO Synthesis (1997), (11), 1285-1290
CODEN: SYNTBF; ISSN: 0039-7881
PB Georg Thieme Verlag
DT Journal
LA English
OS CASREACT 128:88655

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
5.89	204.17

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 11:52:24 ON 18 JAN 2007
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STRUCTURE FILE UPDATES: 17 JAN 2007 HIGHEST RN 917745-84-7
DICTIONARY FILE UPDATES: 17 JAN 2007 HIGHEST RN 917745-84-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\538484.str

L8 STRUCTURE UPLOADED

=> d

L8 HAS NO ANSWERS

L8 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 18

SAMPLE SEARCH INITIATED 11:52:47 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3 TO 163
PROJECTED ANSWERS: 0 TO 0

L9 0 SEA SSS SAM L8

=> s 18 ful

FULL SEARCH INITIATED 11:52:52 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 95 TO ITERATE

100.0% PROCESSED 95 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

L10 0 SEA SSS FUL L8

=>

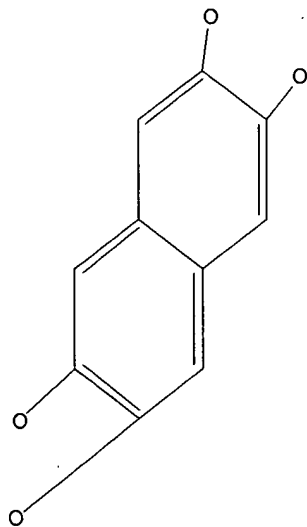
Uploading C:\Program Files\Stnexp\Queries\38484.str

L11 STRUCTURE UPLOADED

=> d

L11 HAS NO ANSWERS

L11 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 111

SAMPLE SEARCH INITIATED 11:54:12 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3541 TO ITERATE

56.5% PROCESSED 2000 ITERATIONS

2 ANSWERS

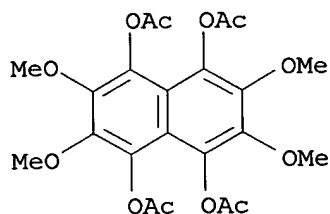
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 67252 TO 74388
PROJECTED ANSWERS: 2 TO 182

L12 2 SEA SSS SAM L11

=> d 112 1-2

L12 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN
RN 102663-06-9 REGISTRY
ED Entered STN: 14 Jun 1986
CN 1,4,5,8-Naphthalenetetrol, tetramethoxy-, tetraacetate (6CI) (CA INDEX
NAME)
MF C22 H24 O12
SR CAOLD
LC STN Files: CA, CAOLD, CAPLUS



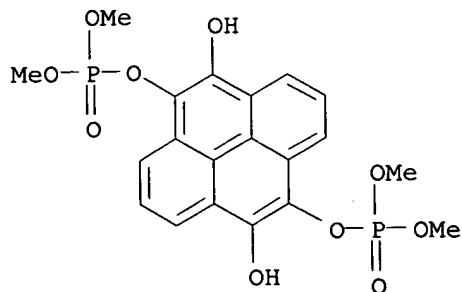
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L12 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN
RN 15052-45-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Phosphoric acid, 5,10-dihydroxy-4,9-pyrenylene tetramethyl ester (8CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4,5,9,10-Pyrenetetrol, 4,9-bis(dimethyl phosphate)
MF C20 H20 O10 P2
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s l11 ful
FULL SEARCH INITIATED 11:54:37 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 70890 TO ITERATE

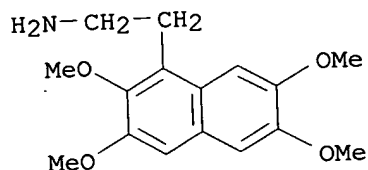
38 ANSWERS

100.0% PROCESSED 70890 ITERATIONS
SEARCH TIME: 00.00.01

L13 38 SEA SSS FUL L11

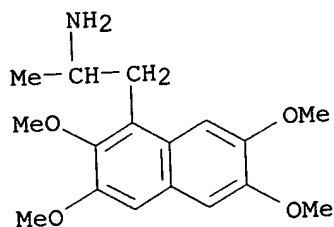
=> d l13 1-38

L13 ANSWER 1 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 910385-90-9 REGISTRY
ED Entered STN: 15 Oct 2006
CN 1-Naphthaleneethanamine, 2,3,6,7-tetramethoxy- (9CI) (CA INDEX NAME)
MF C16 H21 N O4
SR Chemical Catalog
Supplier: Rare Chemicals GmbH
LC STN Files: CHEMCATS



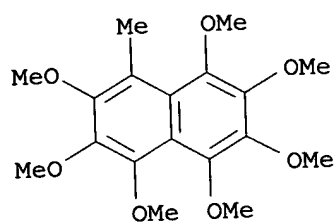
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 ANSWER 2 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 910383-49-2 REGISTRY
ED Entered STN: 15 Oct 2006
CN 1-Naphthaleneethanamine, 2,3,6,7-tetramethoxy- α -methyl- (9CI) (CA INDEX NAME)
MF C17 H23 N O4
SR Chemical Catalog
Supplier: Rare Chemicals GmbH
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

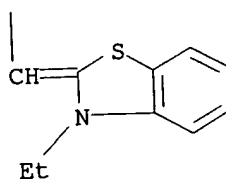
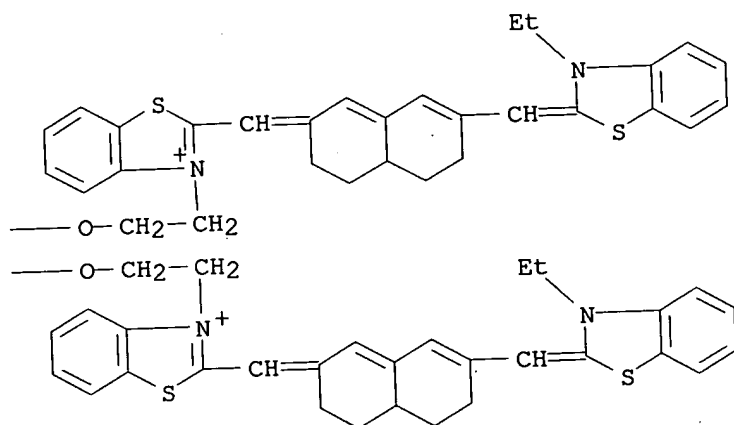
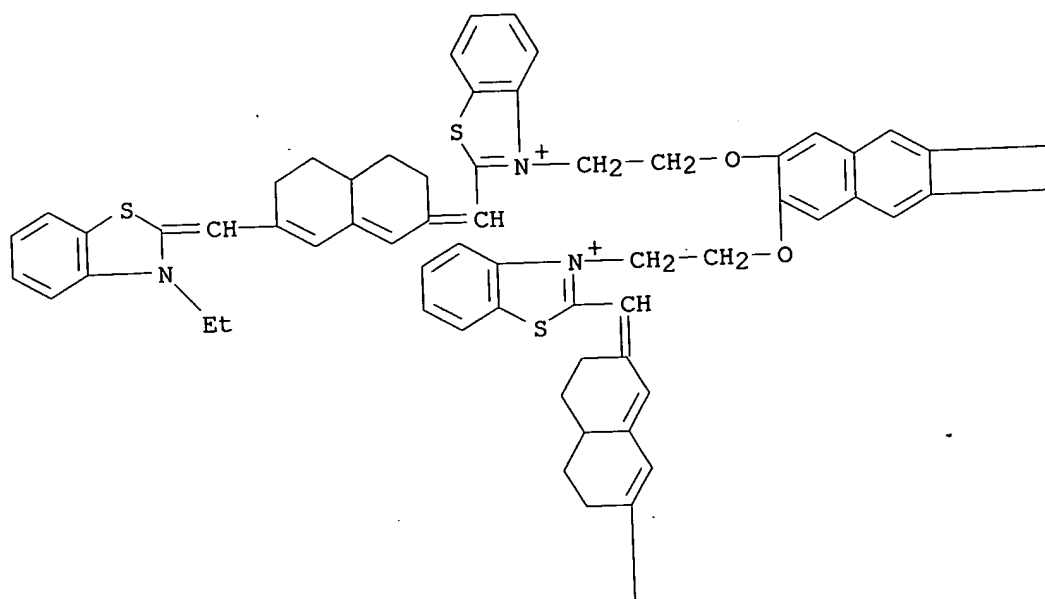
L13 ANSWER 3 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 862429-68-3 REGISTRY
ED Entered STN: 02 Sep 2005
CN Naphthalene, 1,2,3,4,5,6,7-heptamethoxy-8-methyl- (9CI) (CA INDEX NAME)
MF C18 H24 O7
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 4 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 731761-25-4 REGISTRY
ED Entered STN: 23 Aug 2004
CN Benzothiazolium, 3,3',3'',3'''-[2,3,6,7-naphthalenetetrayltetrakis(oxy-2,1-ethanediyl)]tetrakis[2-[[7-[(3-ethyl-2(3H)-benzothiazolylydene)methyl]-4,4a,5,6-tetrahydro-2(3H)-naphthalenylidene]methyl]- (9CI) (CA INDEX NAME)
MF C130 H124 N8 O4 S8
CI COM
SR CA



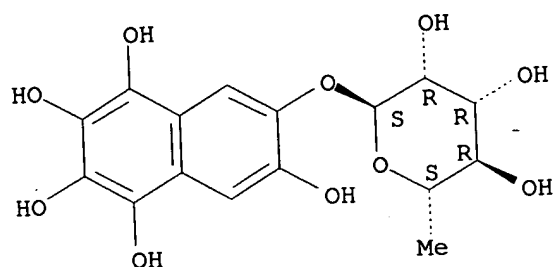
L13 ANSWER 5 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 708278-08-4 REGISTRY
 ED Entered STN: 12 Jul 2004
 CN α -L-Mannopyranoside, 3,5,6,7,8-pentahydroxy-2-naphthalenyl 6-deoxy-

(9CI) (CA INDEX NAME)

OTHER NAMES:

CN Arjunaphthanoloside
FS STEREOSEARCH
MF C16 H18 O10
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 6 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN

RN 288313-88-2 REGISTRY

ED Entered STN: 07 Sep 2000

CN Naphthalene, octamethoxy- (9CI) (CA INDEX NAME)

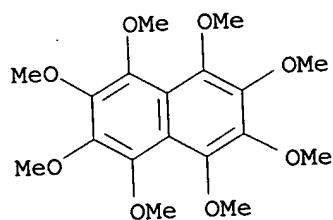
OTHER NAMES:

CN Octamethoxynaphthalene

MF C18 H24 O8

SR CA

LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 7 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN

RN 263863-28-1 REGISTRY

ED Entered STN: 05 May 2000

CN 1H-Phenylene-1,3(2H)-dione, 2-(1,1-dimethyl-2-oxopropyl)-2,4,5,7,9-pentahydroxy-8-methoxy-6-methyl-, (2S)- (9CI) (CA INDEX NAME)

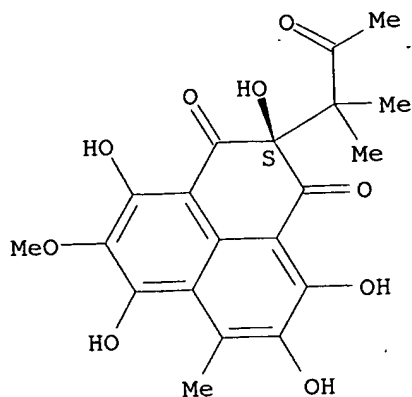
OTHER NAMES:

CN Sculezonone B

FS STEREOSEARCH

MF C20 H20 O9
SR CA
LC STN Files: BIOSIS, CA, CAPLUS, TOXCENTER

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 8 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 190843-94-8 REGISTRY
ED Entered STN: 04 Jul 1997
CN 4,5,9,10-Pyrenetetrone, 2,7-bis(1,1-dimethylethyl)-, compd. with
2,7-bis(1,1-dimethylethyl)-4,5,9,10-pyrenetetrol (1:1) (9CI) (CA INDEX
NAME)

OTHER CA INDEX NAMES:

CN 4,5,9,10-Pyrenetetrol, 2,7-bis(1,1-dimethylethyl)-, compd. with
2,7-bis(1,1-dimethylethyl)-4,5,9,10-pyrenetetrone (1:1) (9CI)

MF C24 H26 O4 . C24 H22 O4

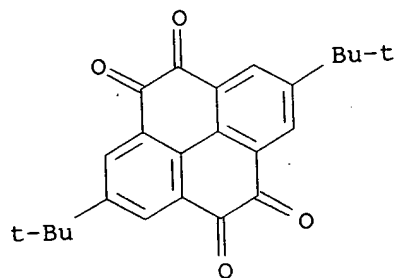
SR CA

LC STN Files: CA, CAPLUS

CM 1

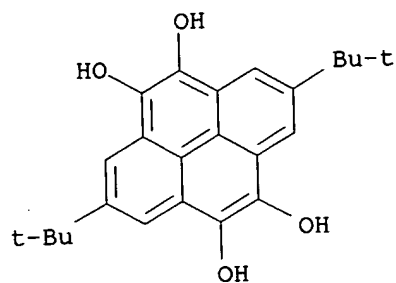
CRN 190843-93-7

CMF C24 H22 O4



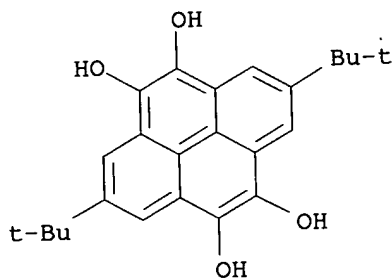
CM 2

CRN 190843-92-6
CMF C24 H26 O4



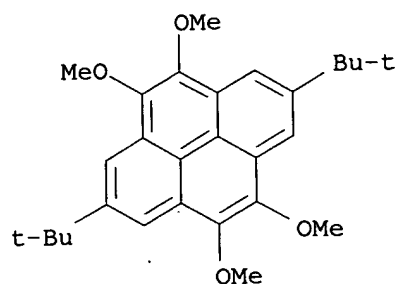
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 9 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 190843-92-6 REGISTRY
ED Entered STN: 04 Jul 1997
CN 4,5,9,10-Pyrenetetrol, 2,7-bis(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)
MF C24 H26 O4
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L13 ANSWER 10 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 190843-91-5 REGISTRY
ED Entered STN: 04 Jul 1997
CN Pyrene, 2,7-bis(1,1-dimethylethyl)-4,5,9,10-tetramethoxy- (9CI) (CA INDEX NAME)
MF C28 H34 O4
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 11 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN

RN 151407-20-4 REGISTRY

ED Entered STN: 24 Nov 1993

CN Benzothiazolium, 3,3',3'',3'''-[2,3,6,7-naphthalenetetrayltetrakis(oxy-2,1-ethanediyl)]tetrakis[2-[[7-[(3-ethyl-2(3H)-benzothiazolylidene)methyl]-4,4a,5,6-tetrahydro-2(3H)-naphthalenylidene]methyl]-, tetrachloride (9CI)
(CA INDEX NAME)

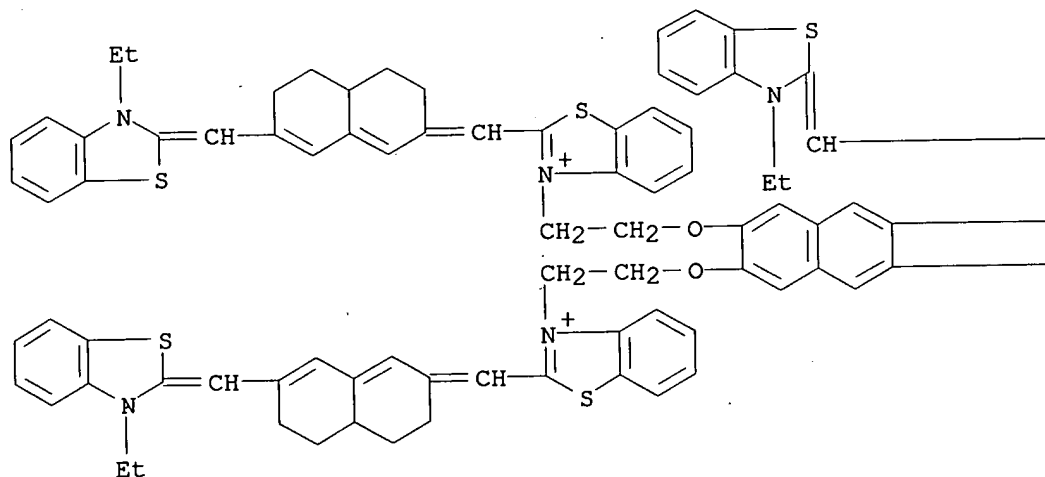
MF C130 H124 N8 O4 S8 . 4 Cl

SR CA

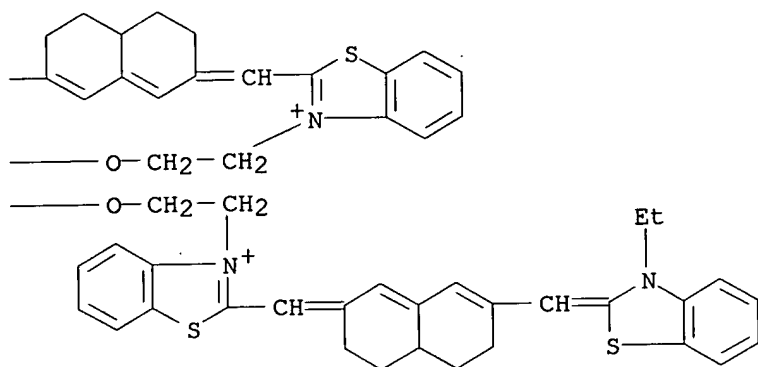
LC STN Files: CA, CAPLUS

CRN (731761-25-4)

PAGE 1-A

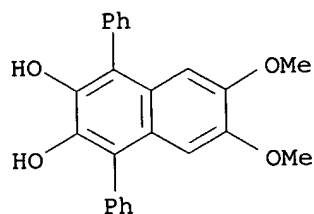


● 4 Cl⁻



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

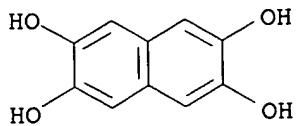
L13 ANSWER 12 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 133357-87-6 REGISTRY
ED Entered STN: 19 Apr 1991
CN 2,3-Naphthalenediol, 6,7-dimethoxy-1,4-diphenyl- (9CI) (CA INDEX NAME)
MF C24 H20 O4
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 13 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 131142-80-8 REGISTRY
ED Entered STN: 21 Dec 1990
CN 2,3,6,7-Naphthalenetetrol (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 2,3,6,7-Tetrahydroxynaphthalene
MF C10 H8 O4
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

U13 ANSWER 14 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN

RN 127459-90-9 REGISTRY

ED Entered STN: 01 Jun 1990

ED Entered SIN: 010001 1990
CN 2-Propanone, compd. with octakis(2-naphthalenyloxy)naphthalene (2:1) (9CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

OTHER CA INDEX NAMES:
CN Naphthalene, octakis(2-naphthalenyloxy)-, compd. with 2-propanone (1:2)
(9CI)

MF C90 H56 O8 . 2 C3 H6 O

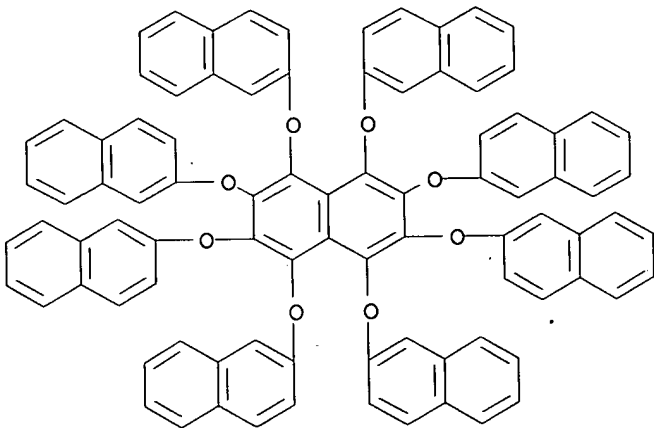
SR CA

LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

CM 1

CRN 127459-89-6

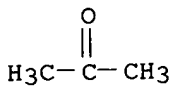
CMF C90 H56 08



CM 2

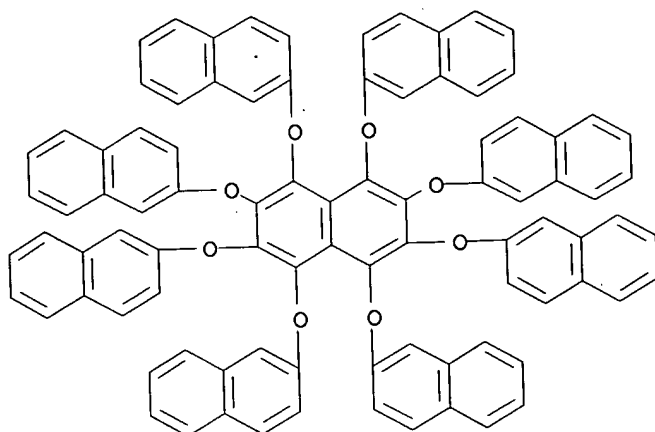
CRN 67-64-1

CMF C3 H6 O



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

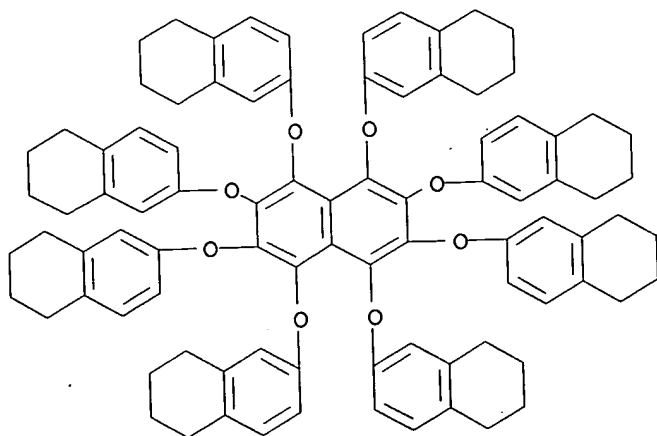
L13 ANSWER 15 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 127459-89-6 REGISTRY
 ED Entered STN: 01 Jun 1990
 CN Naphthalene, octakis(2-naphthalenyloxy)- (9CI) (CA INDEX NAME)
 MF C90 H56 O8
 CI COM
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 16 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 127459-88-5 REGISTRY
 ED Entered STN: 01 Jun 1990
 CN Naphthalene, octakis[(5,6,7,8-tetrahydro-2-naphthalenyl)oxy]- (9CI) (CA INDEX NAME)
 MF C90 H88 O8
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)

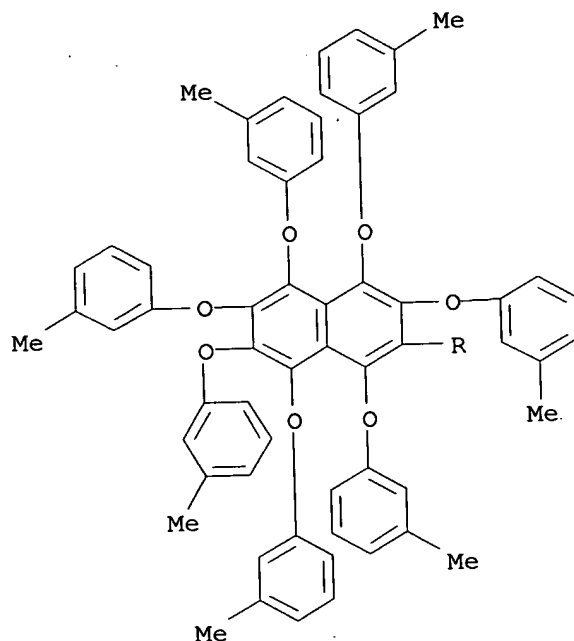


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

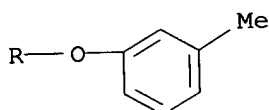
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 17 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 127459-87-4 REGISTRY
ED Entered STN: 01 Jun 1990
CN Naphthalene, octakis(3-methylphenoxy)- (9CI) (CA INDEX NAME)
MF C66 H56 O8
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT.
(*File contains numerically searchable property data)

PAGE 1-A



PAGE 2-A



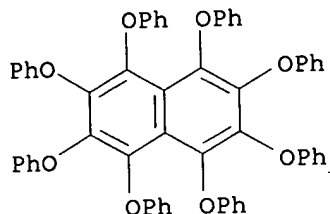
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 18 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 127459-86-3 REGISTRY
ED Entered STN: 01 Jun 1990
CN Naphthalene, octaphenoxy- (9CI) (CA INDEX NAME)

OTHER NAMES:

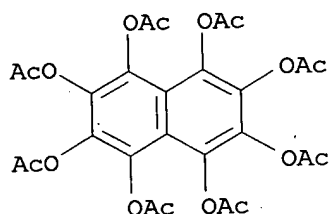
CN Octakis(phenoxy)naphthalene
 MF C58 H40 O8
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 19 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 122924-66-7 REGISTRY
 ED Entered STN: 29 Sep 1989
 CN Naphthaleneoctol, octaacetate (6CI) (CA INDEX NAME)
 MF C26 H24 O16
 SR CAOLD
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
 (*File contains numerically searchable property data)

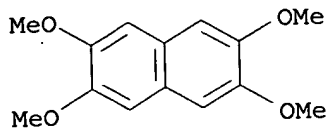


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L13 ANSWER 20 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 103532-43-0 REGISTRY
 ED Entered STN: 02 Aug 1986
 CN Naphthalene, 2,3,6,7-tetramethoxy-, radical ion(1+), perchlorate, compd.
 with 2,3,6,7-tetramethoxynaphthalene (2:1) (9CI) (CA INDEX NAME)
 MF C14 H16 O4 . 1/2 C14 H16 O4 . Cl O4
 SR CA
 LC STN Files: CA, CAPLUS

CRN 33033-33-9
CMF C14 H16 O4

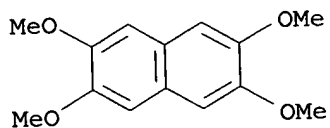


CM 2

CRN 103532-42-9
CMF C14 H16 O4 . Cl O4

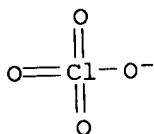
CM 3

CRN 103521-18-2
CMF C14 H16 O4
CCI RIS



CM 4

CRN 14797-73-0
CMF Cl O4

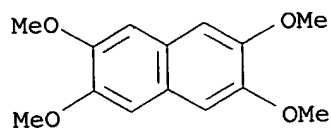


3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 21 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 103532-42-9 REGISTRY
ED Entered STN: 02 Aug 1986
CN Naphthalene, 2,3,6,7-tetramethoxy-, radical ion(1+), perchlorate (9CI)
(CA INDEX NAME)
MF C14 H16 O4 . Cl O4
CI COM
SR CA

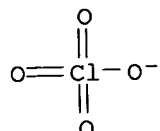
CM 1

CRN 103521-18-2
CMF C14 H16 O4
CCI RIS



CM 2

CRN 14797-73-0
CMF Cl O4



L13 ANSWER 22 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN

RN 103521-20-6 REGISTRY

ED Entered STN: 02 Aug 1986

CN Arsenate(1-), hexafluoro-, salt with 2,3,6,7-tetramethoxynaphthalene (2:3)
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Naphthalene, 2,3,6,7-tetramethoxy-, radical ion(1+), hexafluoroarsenate(1-), compd. with 2,3,6,7-tetramethoxynaphthalene (2:1) (9CI).

OTHER NAMES:

CN Tris(2,3,6,7-tetramethoxynaphthalene) bis(hexafluoroarsenate)

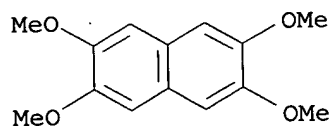
MF C14 H16 O4 . 1/2 Cl4 H16 O4 . As F6

SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 33033-33-9
CMF C14 H16 O4

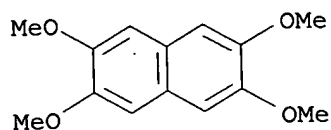


CM 2

CRN 103521-19-3
CMF C14 H16 O4 . As F6

CM 3

CRN 103521-18-2
CMF C14 H16 O4
CCI RIS

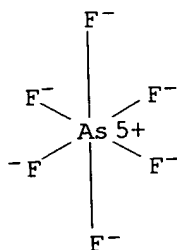


CM 4

CRN 16973-45-8

CMF As F6

CCI CCS



4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 23 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN

RN 103521-19-3 REGISTRY

ED Entered STN: 02 Aug 1986

CN Arsenate(1-), hexafluoro-, salt with 2,3,6,7-tetramethoxynaphthalene (1:1)
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Naphthalene, 2,3,6,7-tetramethoxy-, radical ion(1+), hexafluoroarsenate(1-)
) (9CI)

MF C14 H16 O4 . As F6

CI COM

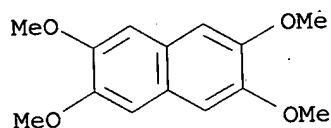
SR CA

CM 1

CRN 103521-18-2

CMF C14 H16 O4

CCI RIS

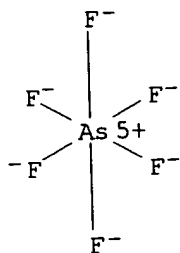


CM 2

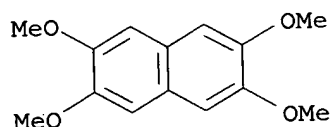
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CMF As F6

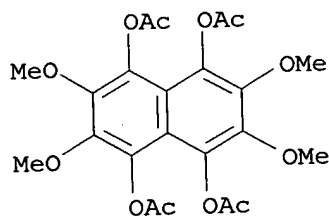
CCI CCS



L13 ANSWER 24 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 103521-18-2 REGISTRY
 ED Entered STN: 02 Aug 1986
 CN Naphthalene, 2,3,6,7-tetramethoxy-, radical ion(1+) (9CI) (CA INDEX NAME)
 MF C14 H16 O4
 CI COM, RIS
 SR CA



L13 ANSWER 25 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 102663-06-9 REGISTRY
 ED Entered STN: 14 Jun 1986
 CN 1,4,5,8-Naphthalenetetrol, tetramethoxy-, tetraacetate (6CI) (CA INDEX NAME)
 MF C22 H24 O12
 SR CAOLD
 LC STN Files: CA, CAOLD, CAPLUS

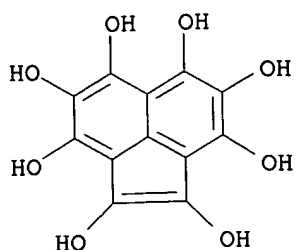


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

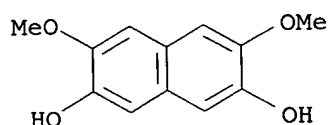
L13 ANSWER 26 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 71735-33-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Acenaphthyleneoctol (9CI) (CA INDEX NAME)
 MF C12 H8 O8
 LC STN Files: CHEMLIST
 Other Sources: EINECS**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

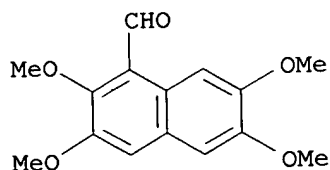
L13 ANSWER 27 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 33054-61-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2,7-Naphthalenediol, 3,6-dimethoxy- (8CI, 9CI) (CA INDEX NAME)
MF C12 H12 O4
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)



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2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

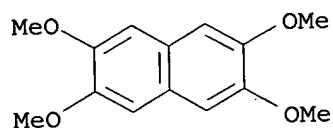
L13 ANSWER 28 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 33033-34-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Naphthaldehyde, 2,3,6,7-tetramethoxy- (8CI) (CA INDEX NAME)
MF C15 H16 O5
LC STN Files: BEILSTEIN*, CA, CAPLUS, CHEMCATS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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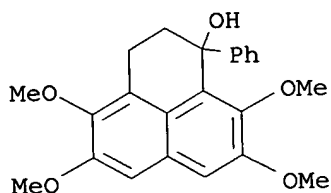
L13 ANSWER 29 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 33033-33-9 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Naphthalene, 2,3,6,7-tetramethoxy- (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 2,3,6,7-Tetramethoxynaphthalene
 MF C14 H16 O4
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS
 (*File contains numerically searchable property data)



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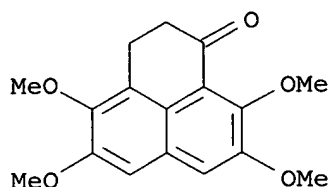
L13 ANSWER 30 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 32828-00-5 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Phenalen-1-ol, 2,3-dihydro-4,5,8,9-tetramethoxy-1-phenyl- (8CI) (CA INDEX NAME)
 MF C23 H24 O5
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

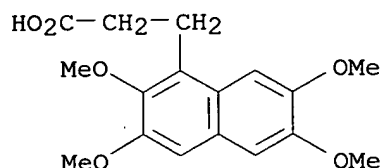
L13 ANSWER 31 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 32827-99-9 REGISTRY
 ED Entered STN: 16 Nov 1984
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 MF C17 H18 O5
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

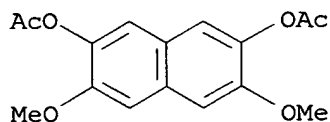
L13 ANSWER 32 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 32827-98-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Naphthalenepropionic acid, 2,3,6,7-tetramethoxy- (8CI) (CA INDEX NAME)
MF C17 H20 O6
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 33 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 32827-97-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2,7-Naphthalenediol, 3,6-dimethoxy-, diacetate (8CI) (CA INDEX NAME)
MF C16 H16 O6
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



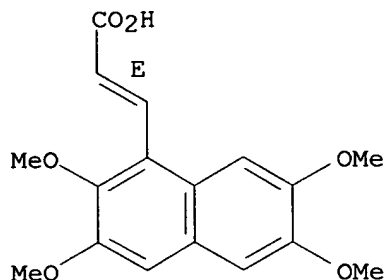
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 34 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 32821-22-0 REGISTRY
ED Entered STN: 16 Nov 1984

CN 1-Naphthaleneacrylic acid, 2,3,6,7-tetramethoxy-, (E)- (8CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C17 H18 O6
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)

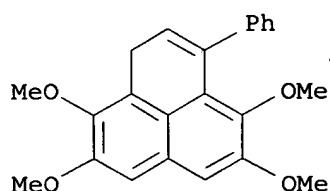
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

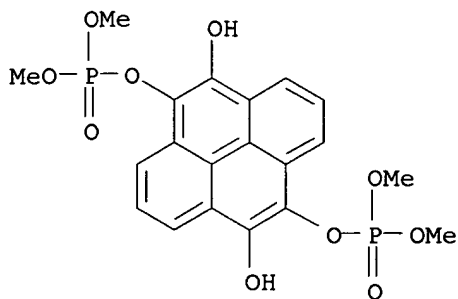
L13 ANSWER 35 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 22228-80-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Phenalene, 4,5,8,9-tetramethoxy-3-phenyl- (8CI) (CA INDEX NAME)
 MF C23 H22 O4
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

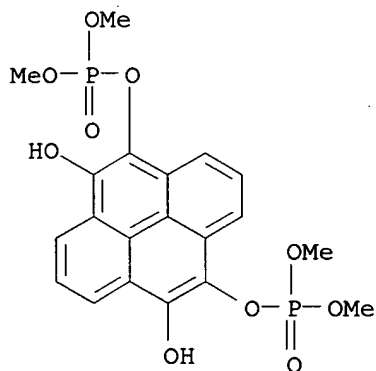
L13 ANSWER 36 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 15052-45-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Phosphoric acid, 5,10-dihydroxy-4,9-pyrenylene tetramethyl ester. (8CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 4,5,9,10-Pyrenetetrol, 4,9-bis(dimethyl phosphate)
 MF C20 H20 O10 P2
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

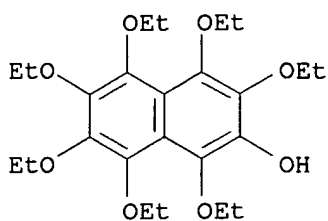
L13 ANSWER 37 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 15052-44-5 REGISTRY
ED Entered STN: 16 Nov 1984
CN Phosphoric acid, 5,9-dihydroxy-4,10-pyrenylene tetramethyl ester (8CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4,5,9,10-Pyrenetetrol, 4,10-bis(dimethyl phosphate)
OTHER NAMES:
CN NSC 97862
MF C20 H20 O10 P2
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 38 OF 38 REGISTRY COPYRIGHT 2007 ACS on STN
RN 2433-15-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2-Naphthol, heptaethoxy- (7CI, 8CI) (CA INDEX NAME)
MF C24 H36 O8
LC STN Files: CA, CAOLD, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

423.55

627.72

FILE 'CAPLUS' ENTERED AT 11:55:11 ON 18 JAN 2007

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FILE COVERS 1907 - 18 Jan 2007 VOL 146 ISS 4

FILE LAST UPDATED: 17 Jan 2007 (20070117/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

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L14 26 L13

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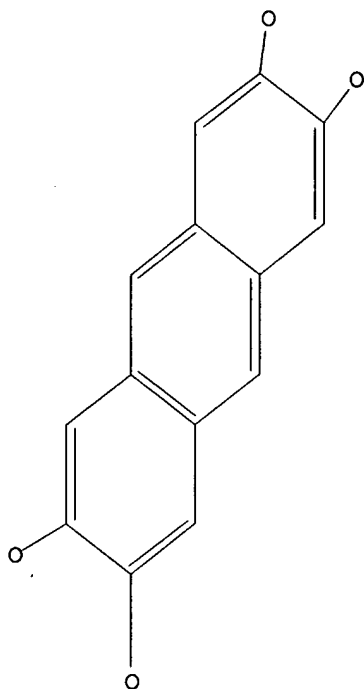
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L15 STRUCTURE UPLOADED

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L15 HAS NO ANSWERS

L15 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l15

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 11:56:19 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1014 TO ITERATE

100.0% PROCESSED 1014 ITERATIONS
SEARCH TIME: 00.00.01

9 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 18370 TO 22190
PROJECTED ANSWERS: 9 TO 360

L16 9 SEA SSS SAM L15

L17 8 L16

=> d l17 1-8

L17 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:1066869 CAPLUS
DN 145:440958
TI Lubricant composition

IN Kawata, Ken
 PA Fuji Photo Film Co., Ltd., Japan
 SO PCT Int. Appl., 98pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006106856	A1	20061012	WO 2006-JP306718	20060330
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	JP 2006307201	A	20061109	JP 2006-93620	20060330
	JP 2006307202	A	20061109	JP 2006-93621	20060330
PRAI	JP 2005-98917	A	20050330		

OS MARPAT 145:440958

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2000:548805 CAPLUS

DN 133:142495

TI Electroluminescent material based on a polymer having a side chain comprising an anthracene core, method for its fabrication, and electroluminescent diode

IN Bouche, Cecile Maria; Le Barny, Pierre; Facchetti, Hugues; Vergnolle, Marie

PA Thomson CSF, Fr.

SO Fr. Demande, 36 pp.

CODEN: FRXXBL

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2785615	A1	20000512	FR 1998-14152	19981110
PRAI	FR 1998-14152		19981110		

L17 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1984:219013 CAPLUS

DN 100:219013

TI Electrophotographic material

PA Asahi-Dow Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 58209749	A	19831206	JP 1982-92121	19820601
PRAI	JP 1982-92121		19820601		

L17 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1968:486680 CAPLUS
 DN 69:86680
 TI Condensation of phenyl ethers with aliphatic aldehydes. XXII. Reaction of bis(3,4-dimethoxyphenyl)acetic acid with chlorinated aldehydes
 AU Arcoleo, Antonino; Garofano, Torquato; Werber, Giuseppe; Paternostro, Maria Pia
 CS Univ. Palermo, Palermo, Italy
 SO Annali di Chimica (Rome, Italy) (1968), 58(3), 298-313
 CODEN: ANCRAI; ISSN: 0003-4592
 DT Journal
 LA Italian

L17 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1968:87054 CAPLUS
 DN 68:87054
 TI Condensation of phenolic ethers with aliphatic aldehydes. XX. Synthesis and properties of 9,10-bis(dichloromethyl)-9,10-dihydroanthracenes
 AU Arcoleo, Antonino; Garofano, Torquato
 CS Univ. Palermo, Palermo, Italy
 SO Annali di Chimica (Rome, Italy) (1967), 57(11), 1326-43
 CODEN: ANCRAI; ISSN: 0003-4592
 DT Journal
 LA Italian

L17 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1967:104846 CAPLUS
 DN 66:104846
 TI Quinone synthesis. III. A new quinone system: derivatives of amphi-anthraquinone
 AU Boldt, Peter
 CS Univ. Goettingen, Goettingen, Fed. Rep. Ger.
 SO Chemische Berichte (1967), 100(4), 1270-80
 CODEN: CHBEAM; ISSN: 0009-2940
 DT Journal
 LA German
 OS CASREACT 66:104846

L17 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1967:2405 CAPLUS
 DN 66:2405
 TI Condensations of phenolic ethers and aliphatic aldehydes. XVI. Formation of 9,10-substituted anthracene derivatives
 AU Arcoleo, Antonino; Garofano, Torquato; Natoli, Maria C.
 CS Univ. Palermo, Sicily, Italy
 SO Atti della Accademia di Scienze, Lettere e Arti di Palermo, Parte 1: Scienze (1966), Volume Date 1964, 25, 11-30
 CODEN: AASLAN; ISSN: 0365-0448
 DT Journal
 LA Italian

L17 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1962:38356 CAPLUS
 DN 56:38356
 OREF 56:7234d-i
 TI Condensation of phenolic ethers with aliphatic aldehydes. XI. Structure of a compound derived from the condensation of veratrole with chloral
 AU Arcoleo, Antonino; Werber, Giuseppe; Lombardo, Guido
 CS Univ. Palermo, Italy
 SO Annali di Chimica (Rome, Italy) (1960), 50, 1242-57
 CODEN: ANCRAI; ISSN: 0003-4592
 DT Journal

LA Unavailable

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

9.91

639.02

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 JAN 2007 HIGHEST RN 917745-84-7

DICTIONARY FILE UPDATES: 17 JAN 2007 HIGHEST RN 917745-84-7

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s 1

L18 2156092 L

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=>

=>

=>

=> d his

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FILE 'REGISTRY' ENTERED AT 11:43:04 ON 18 JAN 2007

L1 STRUCTURE UPLOADED

L2 50 S L1

FILE 'CAPLUS' ENTERED AT 11:43:39 ON 18 JAN 2007

L3 46 S L2

FILE 'REGISTRY' ENTERED AT 11:44:15 ON 18 JAN 2007

L4 STRUCTURE UPLOADED

L5 0 S L4

L6 5 S L4 FUL

FILE 'CAPLUS' ENTERED AT 11:49:21 ON 18 JAN 2007
 L7 3 S L6

FILE 'REGISTRY' ENTERED AT 11:52:24 ON 18 JAN 2007
 L8 STRUCTURE UPLOADED
 L9 0 S L8
 L10 0 S L8 FUL
 L11 STRUCTURE UPLOADED
 L12 2 S L11
 L13 38 S L11 FUL

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 S L15

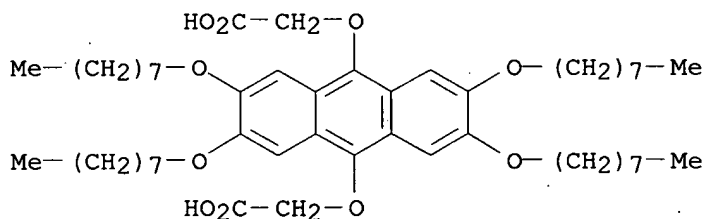
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 L16 9 S L15

FILE 'CAPLUS' ENTERED AT 11:56:19 ON 18 JAN 2007
 L17 8 S L16

FILE 'REGISTRY' ENTERED AT 11:56:43 ON 18 JAN 2007
 L18 2156092 S L

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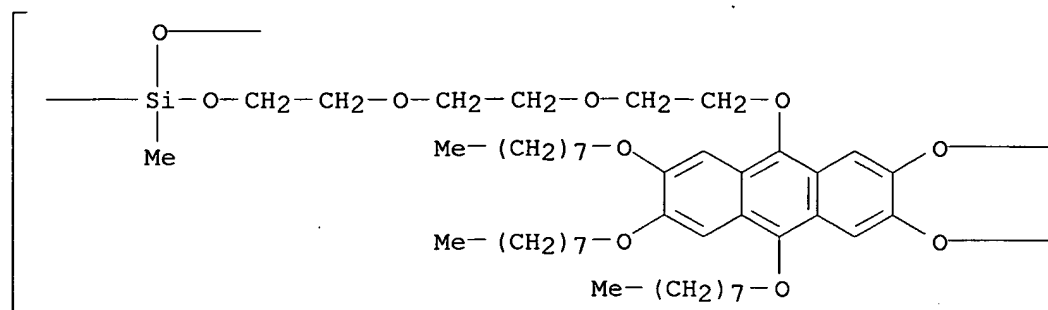
L16 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 912822-78-7 REGISTRY
 ED Entered STN: 09 Nov 2006
 CN Acetic acid, 2,2'-[[2,3,6,7-tetrakis(octyloxy)-9,10-anthracenediyl]bis(oxy)]bis- (9CI) (CA INDEX NAME)
 MF C50 H78 O10
 CI COM
 SR CA



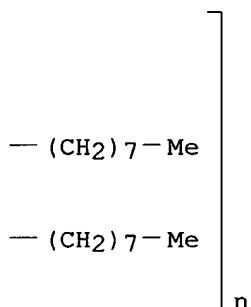
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L16 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 912821-99-9 REGISTRY
 ED Entered STN: 09 Nov 2006
 CN Poly[oxy[methyl[2-[2-[2-[[2,3,6,7,10-pentakis(octyloxy)-9-anthracenyl]oxy]ethoxy]ethoxy]ethoxy]silylene]] (9CI) (CA INDEX NAME)
 MF (C61 H104 O10 Si)n
 CI PMS
 PCT Polyether, Polyether only
 SR CA
 LC STN Files: CA, CAPLUS

PAGE 1-A

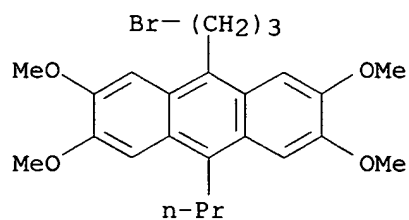


PAGE 1-B



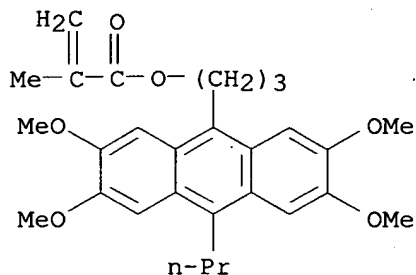
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L16 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2007 ACS on STN
RN 284678-35-9 REGISTRY
ED Entered STN: 10 Aug 2000
CN Anthracene, 9-(3-bromopropyl)-2,3,6,7-tetramethoxy-10-propyl- (9CI) (CA INDEX NAME)
MF C24 H29 Br O4
SR CA
LC STN Files: CA, CAPLUS



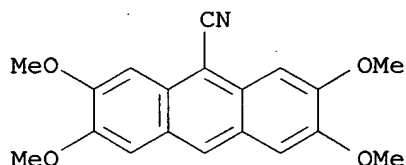
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L16 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2007 ACS on STN
RN 184353-02-4 REGISTRY
ED Entered STN: 25 Dec 1996
CN 2-Propenoic acid, 2-methyl-, 3-(2,3,6,7-tetramethoxy-10-propyl-9-anthracenyl)propyl ester (9CI) (CA INDEX NAME)
MF C28 H34 O6
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

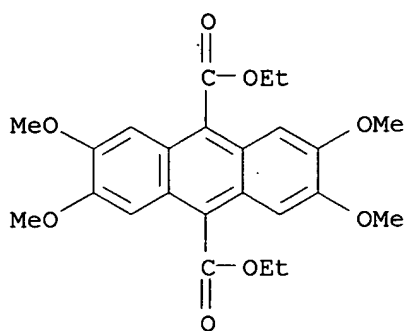
L16 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2007 ACS on STN
RN 94257-14-4 REGISTRY
ED Entered STN: 12 Jan 1985
CN 9-Anthronitrile, 2,3,6,7-tetramethoxy- (7CI) (CA INDEX NAME)
MF C19 H17 N O4
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

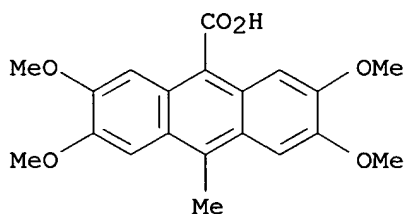
L16 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2007 ACS on STN
RN 89927-46-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN 9,10-Anthracenedicarboxylic acid, 2,3,6,7-tetramethoxy-, diethyl ester (9CI) (CA INDEX NAME)
MF C24 H26 O8
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

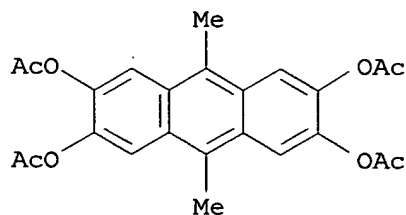
L16 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2007 ACS on STN
RN 20153-21-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN 9-Anthroic acid, 2,3,6,7-tetramethoxy-10-methyl- (8CI) (CA INDEX NAME)
MF C20 H20 O6
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

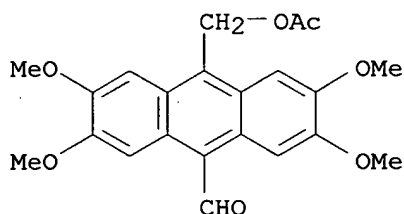
L16 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2007 ACS on STN
RN 13979-55-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2,3,6,7-Anthracenetetrol, 9,10-dimethyl-, tetraacetate (8CI) (CA INDEX NAME)
MF C24 H22 O8
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L16 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2007 ACS on STN
RN 13112-45-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN 9-Anthraldehyde, 10-(hydroxymethyl)-2,3,6,7-tetramethoxy-, acetate (8CI)
(CA INDEX NAME)
MF C22 H22 O7
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s l15 ful

FULL SEARCH INITIATED 11:58:12 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 20323 TO ITERATE

100.0% PROCESSED 20323 ITERATIONS
SEARCH TIME: 00.00.01

155 ANSWERS

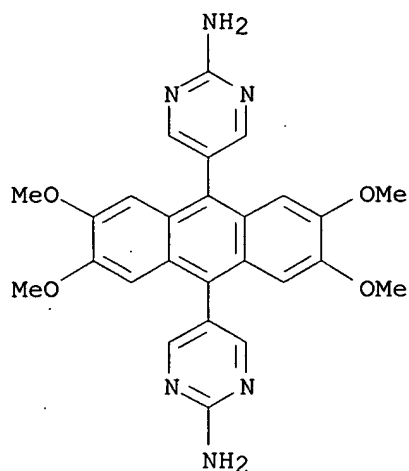
L19 155 SEA SSS FUL L15

=> d l19 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150-155

L19 ANSWER 10 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
RN 885675-63-8 REGISTRY
ED Entered STN: 26 May 2006
CN 2-Pyrimidinamine, 5,5'-(2,3,6,7-tetramethoxy-9,10-anthracenediyl)bis-,
compd. with sulfinylbis[methane] (1:2) (9CI) (CA INDEX NAME)
MF C26 H24 N6 O4 . 2 C2 H6 O S
SR CA
LC STN Files: CA, CAPLUS

CM 1

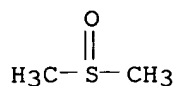
CRN 885675-61-6
CMF C26 H24 N6 O4



CM 2

CRN 67-68-5

CMF C2 H6 O S



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L19 ANSWER 20 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN

RN 857193-94-3 REGISTRY

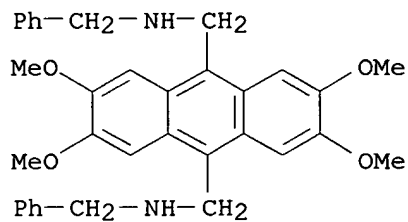
ED Entered STN: 27 Jul 2005

CN 9,10-Anthracenebis(methylamine), N,N'-dibenzyl-2,3,6,7-tetramethoxy- (6CI)
(CA INDEX NAME)

MF C34 H36 N2 O4

SR CAS EARLY REGISTRATIONS

LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

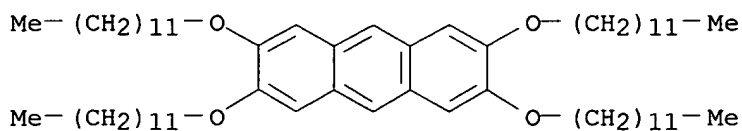
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L19 ANSWER 30 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN

RN 714200-16-5 REGISTRY

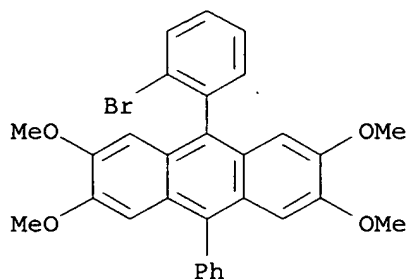
ED Entered STN: 22 Jul 2004

CN Anthracene, 2,3,6,7-tetrakis(dodecyloxy)- (9CI) (CA INDEX NAME)
MF C62 H106 O4
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L19 ANSWER 40 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
RN 494868-48-3 REGISTRY
ED Entered STN: 26 Feb 2003
CN Anthracene, 9-(2-bromophenyl)-2,3,6,7-tetramethoxy-10-phenyl- (9CI) (CA INDEX NAME)
MF C30 H25 Br O4
SR CA
LC STN Files: CA, CAPLUS, CASREACT



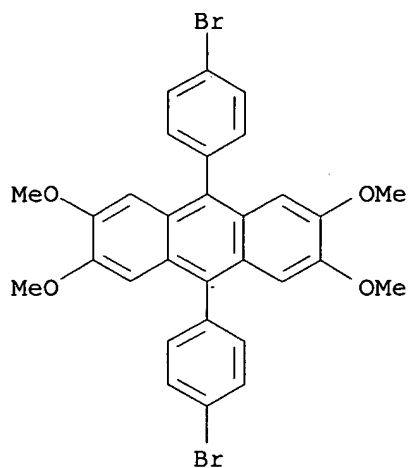
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L19 ANSWER 50 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
RN 337308-55-1 REGISTRY
ED Entered STN: 22 May 2001
CN Anthracene, 9,10-bis(4-bromophenyl)-2,3,6,7-tetramethoxy-, compd. with methylbenzene (1:1) (9CI) (CA INDEX NAME)
MF C30 H24 Br2 O4 . C7 H8
SR CA
LC STN Files: CA, CAPLUS

CM 1

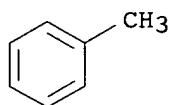
CRN 337308-54-0
CMF C30 H24 Br2 O4



CM 2

CRN 108-88-3

CMF C7 H8



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L19 ANSWER 60 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN

RN 249744-69-2 REGISTRY

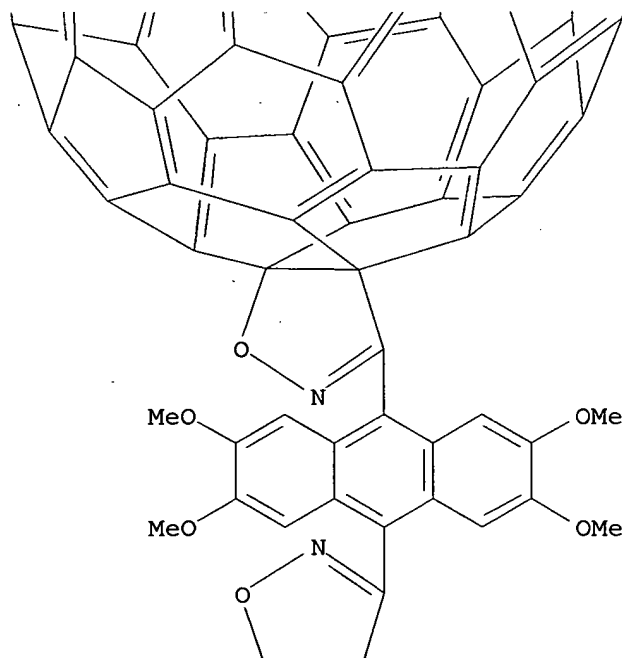
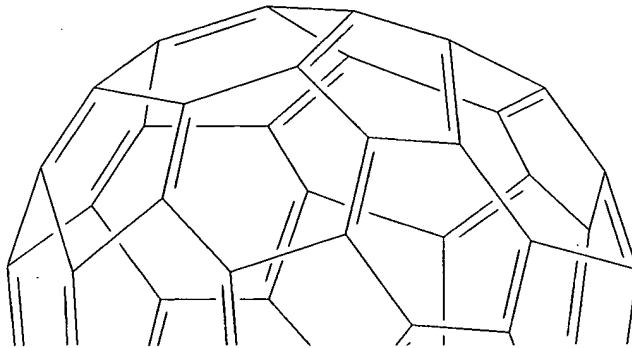
ED Entered STN: 02 Dec 1999

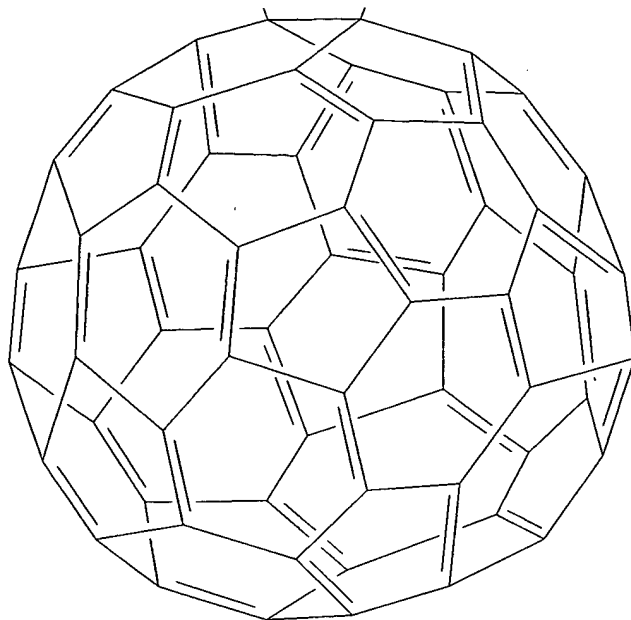
CN [5,6]Fullereno-C60-Ih-[1,9-d]isoxazole, 3',3''-(2,3,6,7-tetramethoxy-9,10-anthracenediyl)bis-, stereoisomer (9CI) (CA INDEX NAME)

MF C140 H16 N2 O6

SR CA

LC STN Files: CA, CAPLUS, CASREACT

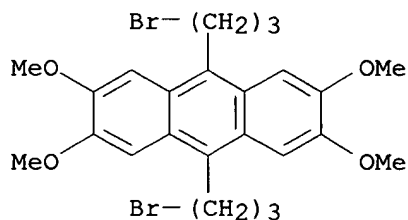




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L19 ANSWER 70 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
RN 188576-57-0 REGISTRY
ED Entered STN: 24 Apr 1997
CN Anthracene, 9,10-bis(3-bromopropyl)-2,3,6,7-tetramethoxy- (9CI) (CA INDEX NAME)
MF C24 H28 Br2 O4
SR CA
LC STN Files: CA, CAPLUS

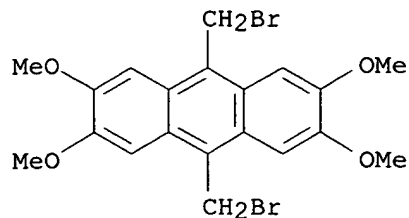


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L19 ANSWER 80 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
RN 177942-51-7 REGISTRY
ED Entered STN: 02 Jul 1996
CN Anthracene, 9,10-bis(bromomethyl)-2,3,6,7-tetramethoxy- (9CI) (CA INDEX NAME)

MF C20 H20 Br2 O4
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L19 ANSWER 90 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN

RN 119958-41-7 REGISTRY

ED Entered STN: 07 Apr 1989

CN 2-Naphthalenecarboxylic acid, 4-[[10-[4-[4-[[3-[(2,2-diphenylhydrazino)carbonyl]-2-hydroxy-1-naphthalenyl]azo]phenyl]-6-[5-[[3-[(2,2-diphenylhydrazino)carbonyl]-2-hydroxy-1-naphthalenyl]azo]-2-pyridinyl]-1,2,3-triazin-2(5H)-yl]-2,3,6,7-tetraphenoxy-9-anthracenyl]azo]-3-hydroxy-, 2,2-diphenylhydrazide (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

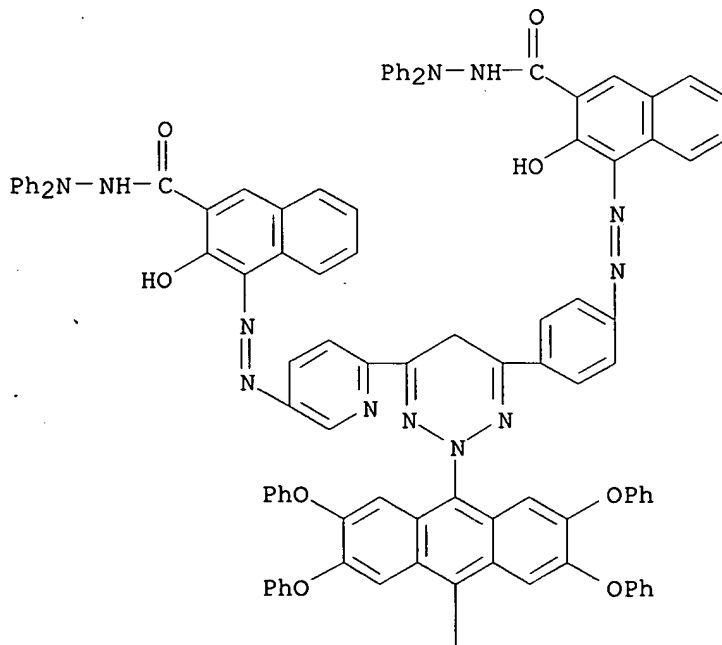
CN 1,2,3-Triazine, 2-naphthalenecarboxylic acid deriv.

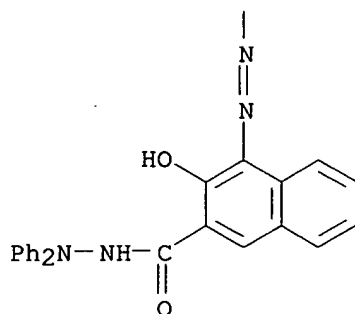
MF C121 H84 N16 O10

SR CA

LC STN Files: CA, CAPLUS

PAGE 1-A

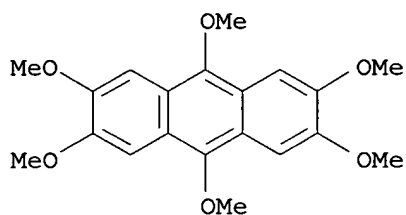




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

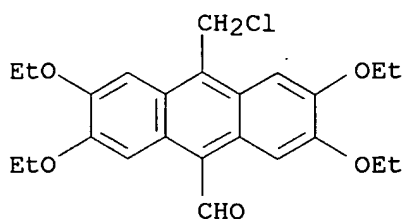
L19 ANSWER 100 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
RN 91854-16-9 REGISTRY
ED Entered STN: 16 Nov 1984
CN Anthracene, 2,3,6,7,9,10-hexamethoxy- (9CI) (CA INDEX NAME)
MF C20 H22 O6
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

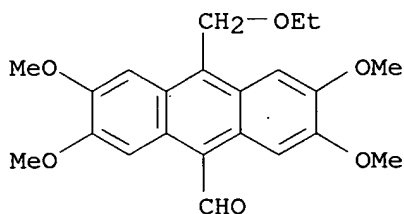
L19 ANSWER 110 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
RN 89399-74-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN 9-Anthraldehyde, 10-(chloromethyl)-2,3,6,7-tetraethoxy- (7CI) (CA INDEX NAME)
MF C24 H27 Cl O5
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

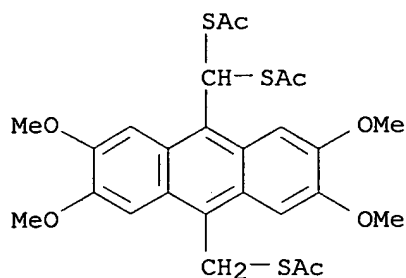
L19 ANSWER 120 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 24269-01-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 9-Anthraldehyde, 10-(ethoxymethyl)-2,3,6,7-tetramethoxy- (8CI) (CA INDEX NAME)
 MF C22 H24 O6
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

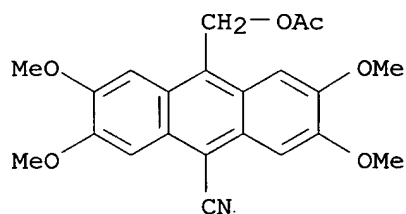
L19 ANSWER 130 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 20501-78-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Acetic acid, thio-, S,S,S-triester with 10-(mercaptomethyl)-2,3,6,7-tetramethoxy-9-anthracenemethanedithiol (8CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 9-Anthracenemethanedithiol, 10-(mercaptomethyl)-2,3,6,7-tetramethoxy-, triacetate
 MF C26 H28 O7 S3
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

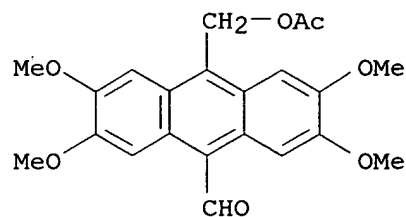
L19 ANSWER 140 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
RN 17918-32-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 9-Anthronitrile, 10-(hydroxymethyl)-2,3,6,7-tetramethoxy-, acetate (8CI)
(CA INDEX NAME)
MF C22 H21 N O6
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

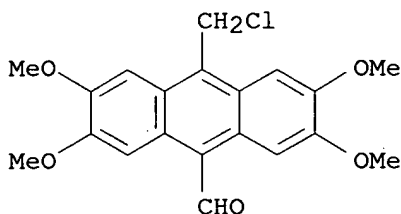
L19 ANSWER 150 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
RN 13112-45-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN 9-Anthraldehyde, 10-(hydroxymethyl)-2,3,6,7-tetramethoxy-, acetate (8CI)
(CA INDEX NAME)
MF C22 H22 O7
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

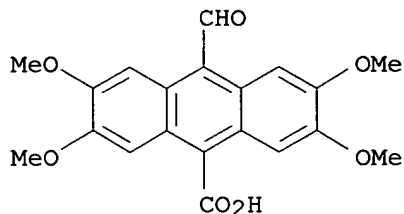
L19 ANSWER 151 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
RN 13112-44-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN 9-Anthraldehyde, 10-(chloromethyl)-2,3,6,7-tetramethoxy- (8CI) (CA INDEX NAME)
MF C20 H19 Cl O5
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L19 ANSWER 152 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
RN 13112-43-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN 9-Anthracenecarboxylic acid, 10-formyl-2,3,6,7-tetramethoxy- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 9-Anthroic acid, 10-formyl-2,3,6,7-tetramethoxy- (7CI, 8CI)
MF C20 H18 O7
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT
(*File contains numerically searchable property data)

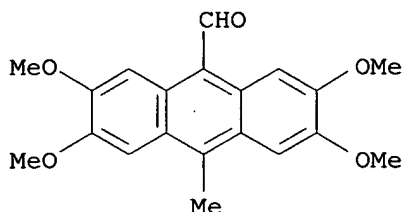


****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L19 ANSWER 153 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN

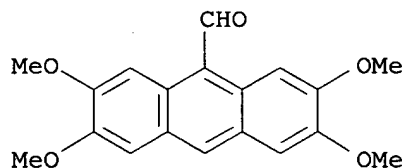
RN 13112-42-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 9-Anthracenecarboxaldehyde, 2,3,6,7-tetramethoxy-10-methyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 9-Anthraldehyde, 2,3,6,7-tetramethoxy-10-methyl- (7CI)
 MF C20 H20 O5
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L19 ANSWER 154 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 13112-41-9 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 9-Anthracenecarboxaldehyde, 2,3,6,7-tetramethoxy- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 9-Anthraldehyde, 2,3,6,7-tetramethoxy- (7CI, 8CI)
 MF C19 H18 O5
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
 (*File contains numerically searchable property data)

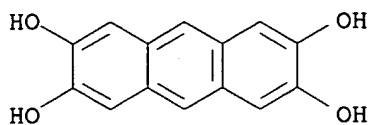


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L19 ANSWER 155 OF 155 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 3178-75-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 2,3,6,7-Anthracenetetrol (7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 2,3,6,7-Tetrahydroxyanthracene
 MF C14 H10 O4
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, USPATFULL

(*File contains numerically searchable property data)



'**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**'

8 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:21:55 ON 18 JAN 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:22:05 ON 18 JAN 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 17 JAN 2007 HIGHEST RN 917745-84-7

DICTIONARY FILE UPDATES: 17 JAN 2007 HIGHEST RN 917745-84-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s 917394-94-6

L1 1 917394-94-6
(917394-94-6/RN)

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 917394-94-6 REGISTRY

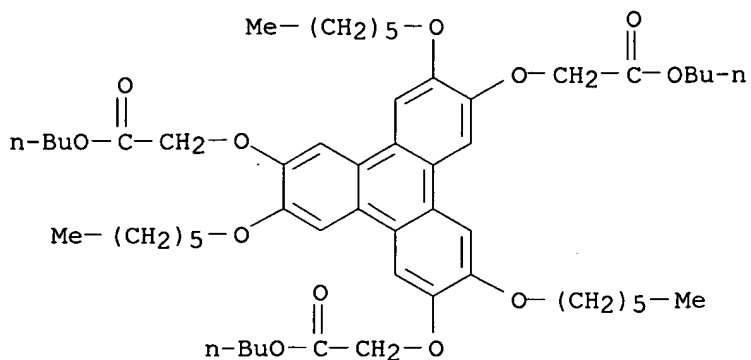
ED Entered STN: 12 Jan 2007

CN INDEX NAME NOT YET ASSIGNED

MF C54 H78 O12

SR CA

LC STN Files: CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 347854-10-8

L2 1 347854-10-8
(347854-10-8/RN)

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 347854-10-8 REGISTRY

ED Entered STN: 24 Jul 2001

CN Dipyrzino[2,3-f:2',3'-h]quinoxaline, hexakis(4-nonylphenyl)-, compd. with
2,3,6,7,10-pentakis(hexyloxy)-11-[2-(2-methoxyethoxy)ethoxy]triphenylene
(1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Triphenylene, 2,3,6,7,10-pentakis(hexyloxy)-11-[2-(2-methoxyethoxy)ethoxy]-
, compd. with hexakis(4-nonylphenyl)dipyrzino[2,3-f:2',3'-h]quinoxaline
(1:1) (9CI)

MF C102 H138 N6 . C53 H82 O8

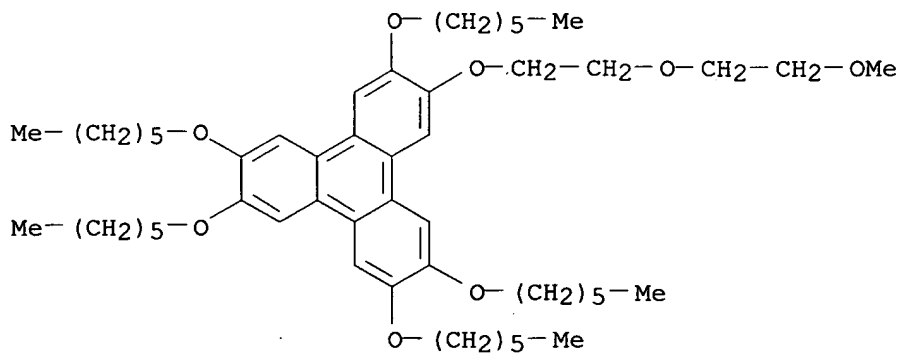
SR CA

LC STN Files: CA, CAPLUS

CM 1

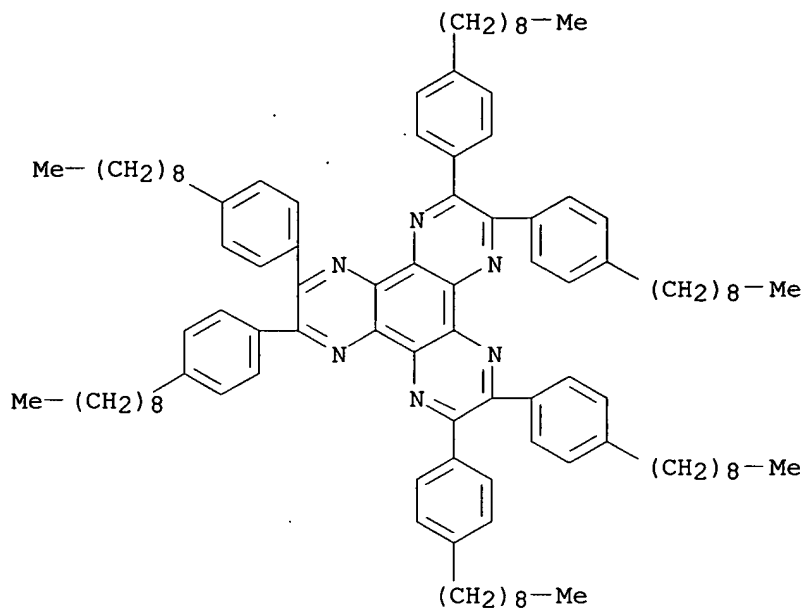
CRN 343628-06-8

CMF C53 H82 O8



CM 2

CRN 96355-65-6
CMF C102 H138 N6

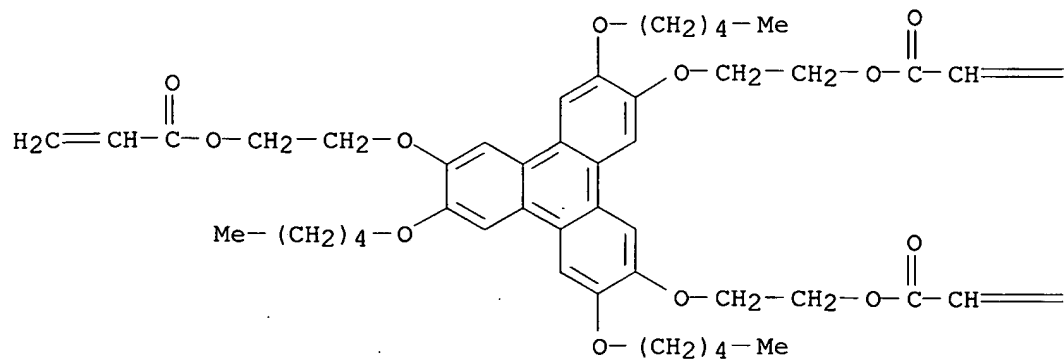


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 225531-90-8
L3 1 225531-90-8
(225531-90-8/RN)

=> d

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 225531-90-8 REGISTRY
ED Entered STN: 18 Jun 1999
CN 2-Propenoic acid, [3,7,10-tris(pentyloxy)-2,6,11-
triphenylenetriyl]tris(oxy-2,1-ethanediyl) ester (9CI) (CA INDEX NAME)
MF C48 H60 O12
CI COM
SR CA
LC STN Files: CA, CAPLUS

=CH₂=CH₂

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

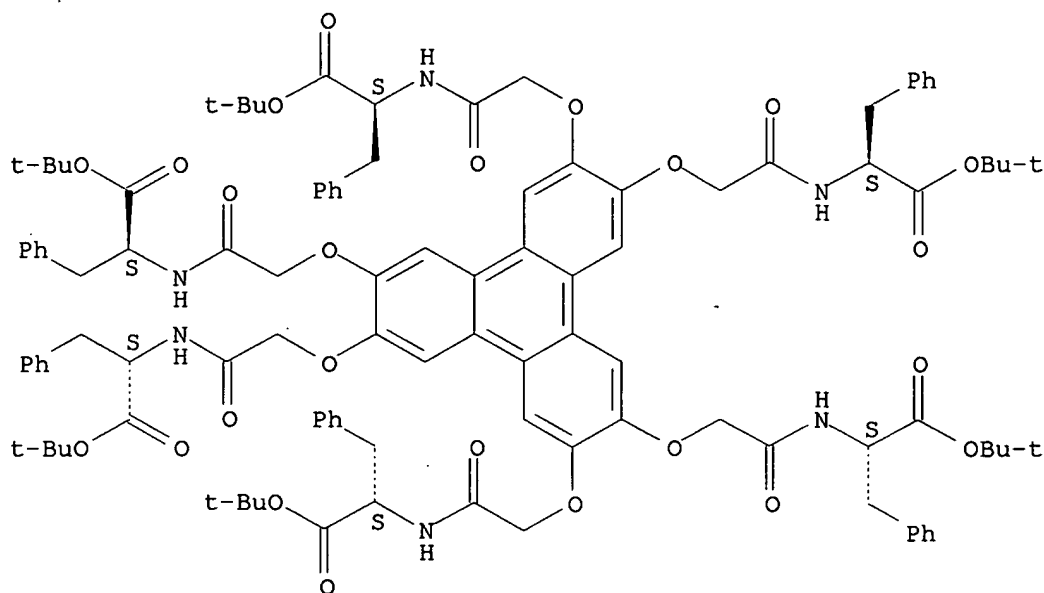
2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 200814-89-7
 L4 1 200814-89-7
 (200814-89-7/RN)

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 200814-89-7 REGISTRY
 ED Entered STN: 05 Feb 1998
 CN L-Phenylalanine, N,N',N'',N''',N''',N''''-[2,3,6,7,10,11-
 triphenylenehexaylhexas[oxo(1-oxo-2,1-ethanediyl)]]hexakis-,
 hexakis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C108 H126 N6 O24
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 15052-45-6

L5 1 15052-45-6
(15052-45-6/RN)

=> d

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 15052-45-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN Phosphoric acid, 5,10-dihydroxy-4,9-pyrenylene tetramethyl ester (8CI)
(CA INDEX NAME)

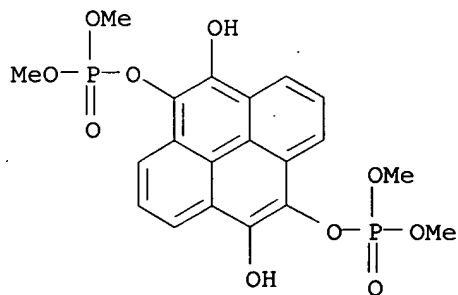
OTHER CA INDEX NAMES:

CN 4,5,9,10-Pyrenetetrol, 4,9-bis(dimethyl phosphate)

MF C20 H20 O10 P2

LC STN Files: BEILSTEIN*, CA, CAPLUS

(*File contains numerically searchable property data)



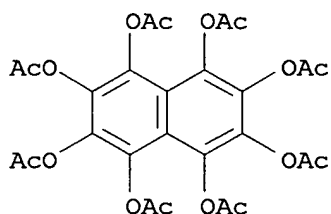
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 122924-66-7
L6 1 122924-66-7
(122924-66-7/RN)

=> d

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 122924-66-7 REGISTRY
ED Entered STN: 29 Sep 1989
CN Naphthaleneoctol, octaacetate (6CI) (CA INDEX NAME)
MF C26 H24 O16
SR CAOLD
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)



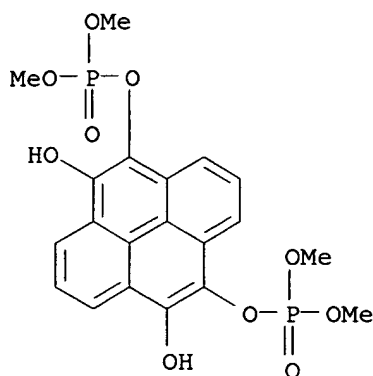
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s 15052-44-5
L7 1 15052-44-5
(15052-44-5/RN)

=> d

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 15052-44-5 REGISTRY
ED Entered STN: 16 Nov 1984
CN Phosphoric acid, 5,9-dihydroxy-4,10-pyrenylene tetramethyl ester (8CI).
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4,5,9,10-Pyrenetetrol, 4,10-bis(dimethyl phosphate)
OTHER NAMES:
CN NSC 97862
MF C20 H20 O10 P2
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



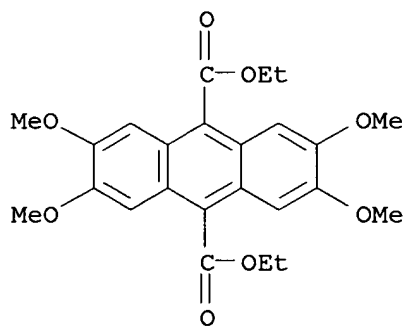
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 89927-46-8
L8 1 89927-46-8
(89927-46-8/RN)

=> d

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 89927-46-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN 9,10-Anthracenedicarboxylic acid, 2,3,6,7-tetramethoxy-, diethyl ester
(9CI) (CA INDEX NAME)
MF C24 H26 O8
LC STN Files: CA, CAPLUS



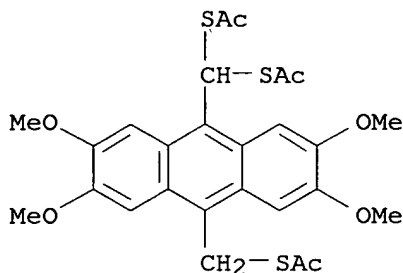
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 20501-78-4
L9 1 20501-78-4
(20501-78-4/RN)

=> d

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 20501-78-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Acetic acid, thio-, S,S,S-triester with 10-(mercaptomethyl)-2,3,6,7-tetramethoxy-9-anthracenemethanedithiol (8CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 9-Anthracenemethanedithiol, 10-(mercaptomethyl)-2,3,6,7-tetramethoxy-, triacetate
 MF C26 H28 O7 S3
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

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=> s 11

L10 1 L1

=> d

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:547390 CAPLUS

TI Synthesis of triphenylene discotic liquid crystals substituted with ester or amide functional groups and the effect of hydrogen bonding on mesogenic behaviors

AU Zhao, Ke-Qing; Gao, Cai-Yan; Hu, Ping; Wang, Bi-Qin; Li, Quan

CS College of Chemistry and Material Science, Sichuan Normal University, Chengdu, 610066, Peop. Rep. China

SO Huaxue Xuebao (2006), 64(10), 1051-1062

CODEN: HHHPA4; ISSN: 0567-7351

PB Huaxue Xuebao Bianjibu

DT Journal

LA Chinese

=> s 12

L11 1 L2

=> d

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2001:330299 CAPLUS

DN 135:100171

TI CPI induction of liquid crystal behavior in triphenylenes with a mixture of hydrophobic and hydrophilic side chains

AU Boden, Neville; Bushby, Richard J.; Lu, Zhibao; Lozman, Owen R.

CS Centre for Self-Organising Molecular Systems, University of Leeds, Leeds, LS2 9JT, UK

SO Liquid Crystals (2001), 28(5), 657-661

CODEN: LICRE6; ISSN: 0267-8292

PB Taylor & Francis Ltd.

DT Journal

LA English

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 13

L12 2 L3

=> d 112 1-2

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1999:381970 CAPLUS

DN 131:122678

TI Photo-cross-linked triphenylenes as novel insoluble hole transport materials in organic LEDs

AU Bacher, Andreas; Erdelen, Christian H.; Paulus, Wolfgang; Ringsdorf, Helmut; Schmidt, Hans-Werner; Schuhmacher, Peter

CS Makromolekulare Chemie I and Bayreuther Institut fuer Makromolekulforschung (BIMF), Universitaet Bayreuth, Bayreuth, 95440, Germany

SO Macromolecules (1999), 32(14), 4551-4557

CODEN: MAMOBX; ISSN: 0024-9297

PB American Chemical Society

DT Journal

LA English

RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1999:213704 CAPLUS
DN 131:5549
TI Hexaalkoxytriphenylenes: charge carrier mobility and characterization in organic LEDs
AU Bacher, A.; Bleyl, I.; Erdelen, C. H.; Etzbach, K.-H.; Haarer, D.; Paulus, W.; Schmidt, H.-W.
CS Makromolekulare Chemie I, Universitat Bayreuth and Bayreuther Institut fur Makromolekulforschung, Bayreuth, D-95440, Germany
SO Polymeric Materials Science and Engineering (1999), 80, 250-251
CODEN: PMSEDG; ISSN: 0743-0515
PB American Chemical Society
DT Journal
LA English

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 14

L13 1 L4

=>

=> d

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1997:754865 CAPLUS
DN 128:88655
TI Purification of 2,3,6,7,10,11-hexamethoxytriphenylene and preparation of hexakiscarbonylmethyl and hexakiscyanomethyl derivatives of 2,3,6,7,10,11-hexahydroxytriphenylene
AU Krebs, Frederik C.; Schioedt, Niels C.; Batsberg, Walther; Bechgaard, Klaus
CS Macromolecular Chemistry Group, Risoe National Laboratory, Condensed Matter Physics Chemistry Department, Roskilde, DK-4000, Den.
SO Synthesis (1997), (11), 1285-1290
CODEN: SYNTBF; ISSN: 0039-7881
PB Georg Thieme Verlag
DT Journal
LA English
OS CASREACT 128:88655

=> s 15

L14 1 L5

=> d

L14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1968:39345 CAPLUS
DN 68:39345
TI Reactions of trialkyl phosphites with polycyclic p- and o-quinones. Anthraquinone, the pyrenequinones, and the naphthoquinones
AU Ramirez, Fausto; Bhatia, S. B.; Patwardhan, A. V.; Chen, Eugene H.; Smith, Curtis Page
CS State Univ. of New York, Stony Brook, NY, USA
SO Journal of Organic Chemistry (1968), 33(1), 20-4
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal

LA English

=> s 16

L15 2 L6

=> d 115 1-2

L15 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1961:93378 CAPLUS
DN 55:93378
OREF 55:17585i,17586a-e
TI Naturally occurring quinones. V. Spinochromes E and N
AU Smith, J.; Thomson, R. H.
CS Univ. Old Aberdeen, UK
SO Journal of the Chemical Society (1961) 1008-12
CODEN: JCSOA9; ISSN: 0368-1769
DT Journal
LA Unavailable

L15 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1960:68115 CAPLUS
DN 54:68115
OREF 54:13072b-d
TI Spinochrome E
AU Smith, J.; Thomson, R. H.
CS Univ. Aberdeen, UK
SO Tetrahedron Letters (1960), (No. 1), 10-12
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA Unavailable

=> s 16

L16 2 L6

=> d 116 1-2

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1961:93378 CAPLUS
DN 55:93378
OREF 55:17585i,17586a-e
TI Naturally occurring quinones. V. Spinochromes E and N
AU Smith, J.; Thomson, R. H.
CS Univ. Old Aberdeen, UK
SO Journal of the Chemical Society (1961) 1008-12
CODEN: JCSOA9; ISSN: 0368-1769
DT Journal
LA Unavailable

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1960:68115 CAPLUS
DN 54:68115
OREF 54:13072b-d
TI Spinochrome E
AU Smith, J.; Thomson, R. H.
CS Univ. Aberdeen, UK
SO Tetrahedron Letters (1960), (No. 1), 10-12
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA Unavailable

=> s 17

L17 1 L7

=> d

L17 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1968:39345 CAPLUS
DN 68:39345
TI Reactions of trialkyl phosphites with polycyclic p- and o-quinones.
Anthraquinone, the pyrenequinones, and the naphthoquinones
AU Ramirez, Fausto; Bhatia, S. B.; Patwardhan, A. V.; Chen, Eugene H.; Smith,
Curtis Page
CS State Univ. of New York, Stony Brook, NY, USA
SO Journal of Organic Chemistry (1968), 33(1), 20-4
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

=> s 18

L18 1 L8

=> d

L18 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1984:219013 CAPLUS
DN 100:219013
TI Electrophotographic material
PA Asahi-Dow Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 58209749	A	19831206	JP 1982-92121	19820601
PRAI	JP 1982-92121		19820601		

=> s 19

L19 1 L9

=> d

L19 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1968:496326 CAPLUS
DN 69:96326
TI Condensation of phenyl ethers with aliphatic aldehydes. XXIII. Behavior
of 2,3,6,7-tetramethoxy-9,10-bis(chloromethylene)-9,10-dihydroanthracene
towards acids
AU Arcoleo, Antonino; Garofano, Torquato; Aversa, Maria Chiara
CS Univ. Palermo, Palermo, Italy
SO Annali di Chimica (Rome, Italy) (1968), 58(4), 471-83
CODEN: ANCRAI; ISSN: 0003-4592
DT Journal
LA Italian